

SUPERIOR SOLUTIONS THAT EXCEL  
DURABLE CONSTRUCTIONS



# Our Vision

To Become a National Benchmark in the 'Make in India' Industrial Spectrum

# Our Mission

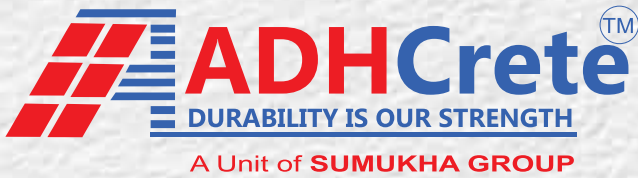
To Nurture a Customer Base of Satisfied Clientele





Dear Associate,

**Warmest greetings from**



**ADHCRETE CONSTRUCTION TECHNOLOGY PVT. LTD.**

ADHCrete is a breakthrough project envisaged by Mr. B S Suresh Shetty. On his recce for establishing new evergreen industries, meaning industries that remain relevant all-round the year each day, he noticed a boom in construction related chemical industry. He also noticed how this market was highly unreliable with either low quality products by the unorganized sector, or grossly overpriced products from premium brands.

Then Mr. Shetty had his EUREKA moment. He set out on a mission, to make 'PREMIUM' products in the unorganized sector. He had concluded after wide ranging research that there is no product which incorporates the merits of these, what appeared to the untrained eye to be diametrically opposite sectors that were polls apart and eliminates all the demerits.

ADHCrete is the outcome of Mr. Shetty's wide-ranging research. Today, we take immense pride in announcing that ADHCrete is India's leading top-notch solutions provider in the construction chemicals sector.

ADH Crete products undergo intense R&D, and is manufactured to perfection with the latest cutting edge technology. Our products include adhesives, grouts, sealers, sealants, wall putty, primers and so on.

Best Regards,  
**Team ADHCrete**



We, at ADHCrete, offer you world class solutions for your construction requirements under a single roof. Our goal is to build strong, durable business relationship with the customer by offering quality products and services. Our endeavour is to be user friendly even while being nature friendly.

Looking forward to growing together with a long and mutually enriching relationship.

**B S Suresh Shetty**  
Managing Director

## Our Product Range

Screeds	.....	1
Block Adhesive	.....	2
Plasters	.....	4
Thinset Adhesive	.....	6
Shade Card	.....	22
Grouts	.....	23
Admixtures	.....	37
Waterproofing	.....	40
Tiles & Stone Care	.....	48
Paints	.....	54



# SCREED

## ADH SCREED



PACKING

30kg

### PRODUCT DESCRIPTION

A factory prepared, cementitious screeding material, created by using carefully selected high performance ingredients, premium cement and treated fillers. Self curing screed designed for use with required proportion of water and aggregates at job site. It is also designed to be mixed with small proportion of ADHMix TBM Latex Admix for increased performance.

### APPLICATION

For interior and exterior floor screeds

### SUITABLE SUBSTRATES

- Concrete floors and Mortar beds
- Cement Terrazo

### ADVANTAGES

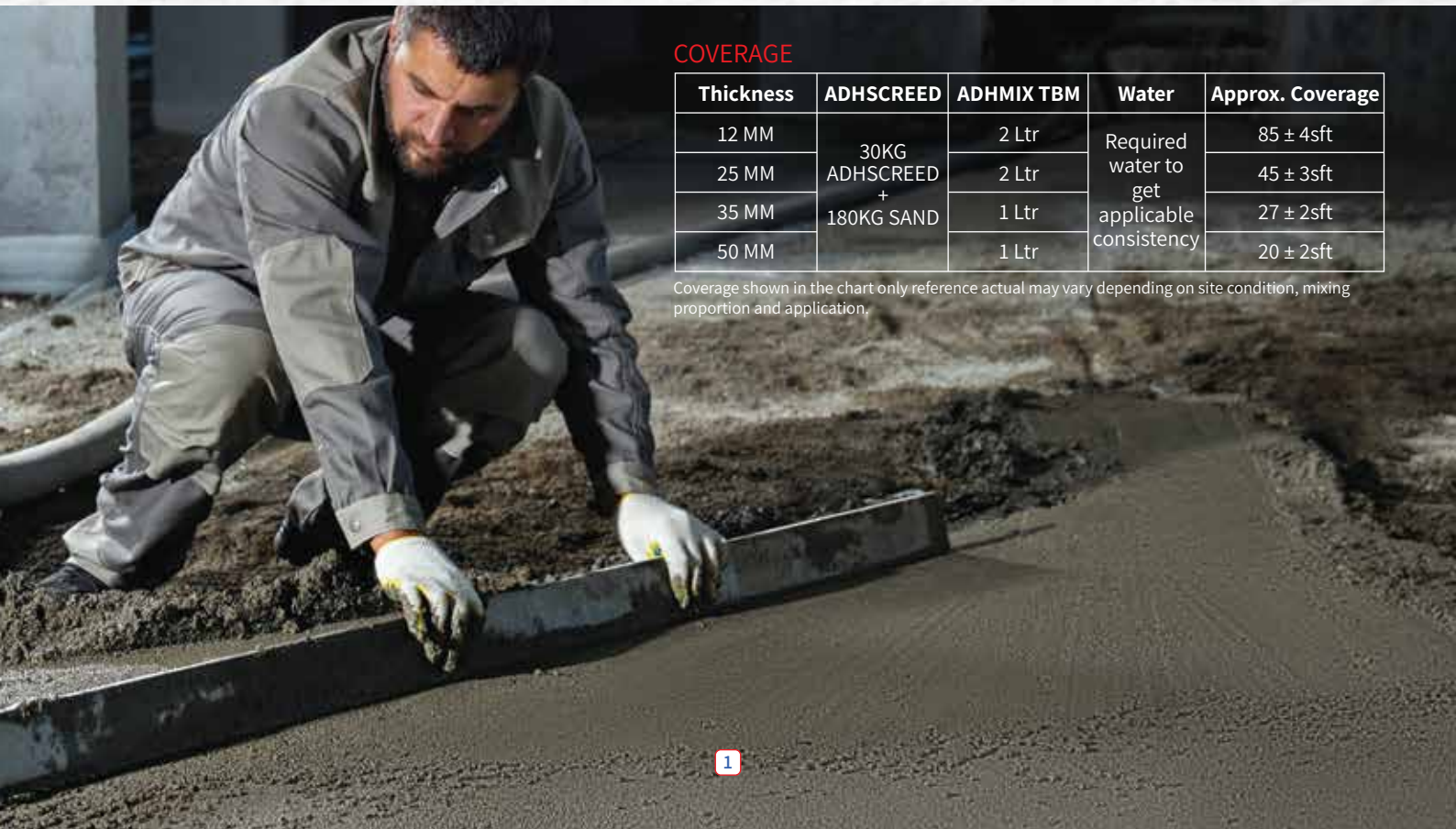
1. One component, Very high mechanical property
2. High strength, water retaining and self curing
3. No Shrinkage
4. Shock and impact resistancy
5. Easy to mix with water or latex
6. Flexibility to mix with locally available sand
7. Easy to use special tools not required
8. Retains the dimensional stability of the screed

**Note:** For wet on wet system ADHCrete Slurry Bond Adhesive is recommended.  
As an alternative ADHScreed mixed with water can be used as a slurry.  
For wet on dry system suitable things of thin-set tile adhesive from ADHCrete can be used to install tiles.

### COVERAGE

Thickness	ADHSCREED	ADHMIX TBM	Water	Approx. Coverage
12 MM	30KG ADHSCREED + 180KG SAND	2 Ltr	Required water to get applicable consistency	85 ± 4sft
25 MM		2 Ltr		45 ± 3sft
35 MM		1 Ltr		27 ± 2sft
50 MM		1 Ltr		20 ± 2sft

Coverage shown in the chart only reference actual may vary depending on site condition, mixing proportion and application.



## ADHCRETE

### AAC BLOCK LAYING ADHESIVE

#### PACKING

30kg & 50kg



#### PRODUCT DESCRIPTION

AAC BLOCK LAYING ADHESIVE is a factory prepared blend from carefully selected raw materials, portland cement and graded aggregates and polymers. It is designed for mixing with water to produce high strength thixotropic mortar, for laying aerated light weight concrete, fly ash bricks, cement hollow blocks, cellular concrete blocks or smoothing over the block work surface in layers of up to 12 mm thickness, that meets and exceeds the requirements of national and international standards.

#### APPLICATION

For interior and exterior use for preparing thin bed block mortar for AAC and cellular concrete blocks.

#### SUITABLE SUBSTRATES

- Concrete blocks
- Aerated light weight blocks
- Fly ash bricks
- Cement mortar blocks/bricks
- Concrete hollow block s
- Cellular concrete blocks

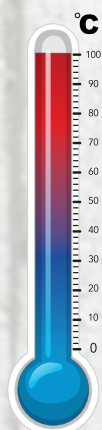
#### COVERAGE

THICKNESS	For 30 kg	For 50 kg
3 mm	85 sq.ft.	135 sq.ft.
6 mm	40 sq.ft.	70 sq.ft.
9 mm	30 sq.ft.	50 sq.ft.

\*Coverage shown in the chart is only for reference. Actual may vary depending on site condition.

#### ADVANTAGES

1. Premixed Ready to use, only need to add water at site
2. High Water Retention Capability
3. High Bonding Strength due to Polymer Modification of Mortar.
4. No Curing
5. Thin Joint Application Prevent Shrinkage Cracks.
6. Due to Premixed its save times for lengthy process like mixing materials, transport and separate inventory of material.
7. Plastering can be done after 24 hrs. of application.



#### Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life - 1 year (if it is stored in a cool, dry place in original pack)
- Water demand - 7.5 to 8.5 litres for 30 kg powder
- Open Time - Approximately 15 min.
- Adjustment time - Approximately 15 min.
- Pot Life - Approximately 4 hours

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary based on site condition and method of installation. Company is not liable if the product fails to produce the declared result at the site.

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Surface must be structurally sound, smooth and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust, grease, loose material and any other contamination, which may interface with good bond. Surface temperature should be maintained between 10°C to 38°C for good adhesion. Concrete bricks/block/wall should be allowed to dry out by exposure to air for at least 28 days.



### MIXING

The standard mixing ratio is 7.5 to 8.5 litres of water for 30 kg. Pour potable water or recommended latex admixture in the mixing container first, then add ADHCRETE AAC BLOK LAYING ADHESIVE. For best results, mix with mixing paddle and 1/2" heavy-duty drill. To mix by hand, use a margin trowel and mix vigorously. Mix with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed adhesive to slake for 4 to 5 minutes. Remix again for 2 minutes and apply with the recommended notched trowel. Mixed material with appropriate consistency will settle in the substrates in the form of strips (ridges) without slumping when it is applied on substrates.



### APPLICATION PROCEDURE

**1) Thin bed mortar for laying blocks:** Before placing mortar, ensure the block work is dry and surfaces are cleaned properly. Use properly sized notched trowel to ensure 100% coverage under a block. Place the mixed mortar on the block work in thin layers of 2 to 3 mm (or as required by engineers at site) using trowel and place the next layer of blocks on the mortar. Keep joints between the blocks as required by the site engineers and fill the joints with the mixed mortar, using a trowel. Check the plumb of the wall while laying the blocks to keep the walls perfectly vertical to the plumb.

**2) Smoothing over the block work:** Before placing mixed mortar, apply a bonding layer of 1 mm to 2 mm thick AAC Block Adhesive mortar using a trowel pressing down on the block work. Then apply AAC Block Adhesive at a thickness of 8 mm to 10 mm and smoothen using a sponge or rubber/ wooden float.

**3) Installation of Tiles:** It can be used as thin-set adhesive to install tiles on block /brick walls. Use proper notch trowel to install tiles and stone on the wall. If possible, spread in approximately one square meter at a time. Only apply as much adhesive mixture as can be covered with tiles within an open time. Check open time by touching the adhesive bed with your fingertip because open time will vary depending on temperature and humidity at the site.

**4) Plastering:** Plumb, square and true concrete block wall can be finished with the applications of ADHCRETE Readymade Plaster.



## ADHPLAST READYMADE PLASTER

### PRODUCT DESCRIPTION

ADHPlast Readymade Plaster is a mix of carefully selected raw materials, portland cement and graded fillers. It is a polymer modified ready to use plaster, it is designed to use for internal and external application. After application ideal substrate for wall putty, paint or other decorative plasters. Mix with ADHCRETE ADHMIX TBM Latex admixture for higher flexibility and better performance.



### PACKING

30 kg & 50 kg

### APPLICATION

Designed for interior and exterior wall plastering

### SUITABLE SUBSTRATES

- Concrete walls
- Concrete walls and ceilings
- Concrete hollow brick walls
- Cement block walls

### ADVANTAGES

1. Mixes and applies easily
2. Economical and fast
3. Self-curing saves time
4. Premixed plaster, just add water
5. Easy to use
6. Very good mechanical strength

### COVERAGE

Coverage will vary depending on thickness of plaster applied and mix consistency.

### SHELF LIFE

Shelf life is 12 months from the date of manufacturing if stored in factory sealed container. Store under cover, away from direct sunlight and protected from extreme temperature. In hot temperature conditions, it must be stored in a temperature-controlled environment i.e. less than 30°C.

## COVERAGE

Thickness	ADHPlast	ADHMix	Water	Coverage
12 mm	50 kg	1 ltr	Add water depending on applicable consistency	25 ± 3 sq.ft
25 mm	50 kg	1 ltr		14 ± 2 sq.ft
35 mm	50 kg	0.5 ltr		9 ± 2 sq.ft
50 mm	50 kg	0.5 ltr		5 ± 2 sq.ft

Add approx. 8-11 ltr of water for ideal mix, adjust water content depending on site condition

## INSTALLATION INSTRUCTIONS

### SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of plaster application. Surface must be structurally sound, smooth, and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust, grease, loose material and any other contamination, which may interface with good bond. Dry dusty concrete walls or masonry should be dampened and excess water should be swept off. Surface temperature should be maintained between 10°C to 38°C for good adhesion. Concrete bricks/block/wall allowed to dry out by exposure to air for at least 28 days.

#### Priming for Concrete walls: (If not roughened by hacking)

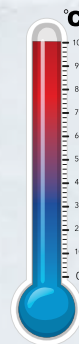
Add ADHSCREED to 50% water by weight, mix and make lump free slurry. Apply slurry using brush or roller in an even thickness to the cleaned substrate. This ensures the primer is absorbed into the substrate. 25 kg bag of ADHSCREED will approximately cover 25 sq.mt.

#### Application

While the slurry bond coat is in a wet and tacky condition, place the plaster prepared by mixing ADHPLAST with water. Spread the plaster material on wall surface and make the surface even, taking enough care to check the required levels of walls and compact well. For hacked concrete surfaces, initially one rough plaster coat would help in building up thicknesses well.

#### Tiling by Thinset Adhesive Method

Leave the compacted and finished plaster for a period of 14 days for air curing and install tiles using a suitable thinset adhesive.



### Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

#### PERFORMANCE PROPERTIES

ADHPlast mixed with aggregate and water

Pot Life Approx. 1 hour

Time to Tile on surface 14 Days

Time to complete cure 28 days

# SG

**MULTI-PURPOSE**

## FLOOR & WALL THINSET ADHESIVE

### PRODUCT DESCRIPTION

ADHCRETE SG Multipurpose Thinset Adhesive is an excellent quality specially prepared polymer modified thinset adhesive for exterior and interior installation of ceramic tile, glass tile, mosaic tile, natural stones and more, on difficult substrates. ADHCrete SG Multipurpose Thinset Adhesive is designed to mix with water, and has a convenient open time with high adhesion and workability.



**PACKING**

20kg

**COLOR**

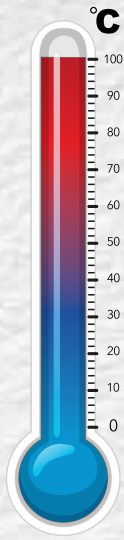
Grey & White

### ADVANTAGES

1. Multipurpose adhesive with exceptional quality
2. Use on moor and wall both in interior and exterior
3. Specially prepared adhesive
4. Highly mixable
5. Strong bond
6. Easy mixing and smooth application
7. Highly suitable for tiling on di-occult substrates with longer open and adjustment time
8. Excellent mechanical property

### SUITABLE SUBSTRATES

1. Concrete
2. Concrete Masonry
3. Cement Mortar Beds
4. Cement Plaster
5. Ceramic Tile and Stone
6. Brick Masonry
7. Cement Backer Board
8. Cement Terrazzo



## Technical Data and Application Properties at 73° F (23° C) and 50% Relative Humidity

- Shelf Life - 1 Year (If stored in a cool, dry place)
- Water Demand - 4.5 to 5 litres for 20 kg powder
- Open Time - Approximately 30 min
- Adjustment Time - Approximately 30 min
- Pot Life - Approximately 4-6 Hours
- Time for light foot traffic - 6 Hours
- Time for normal foot traffic - 24 Hours
- Time for heavy foot traffic - 72 Hours
- Time before grouting - 24 Hours

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depend on laboratory conditions and test procedure used. Actual field performance may vary based on site conditions and method of installation. Company is not liable if the product fails to produce the declared result at the site.

## PERFORMANCE PROPERTIES

PERFORMANCE PROPERTIES AS PER ISI5477:2019		
Test Conducted	Requirement	Test Results
Tensile Adhesion strength at Dry condition	≥1.5N/mm <sup>2</sup>	1.65 N/mm <sup>2</sup>
Tensile Adhesion strength at Wet condition	≥1.0N/mm <sup>2</sup>	1.2 N/mm <sup>2</sup>
Shear Adhesion strength at Dry condition	≥1.5N/mm <sup>2</sup>	1.75 N/mm <sup>2</sup>
Shear Adhesion strength at Wet condition	≥1.0N/mm <sup>2</sup>	1.25 N/mm <sup>2</sup>
Shear Adhesion strength at Heat Ageing	≥1.0N/mm <sup>2</sup>	1.6N/mm <sup>2</sup>
Deformability(S1)	≥1.25mm<5mm	≥3.5mm

## COVERAGE

TROWEL SIZE	APPROX. COVERAGE
1/4"×1/4"×1/4" (6×6×6 mm) Square notch	50-60 Sq.ft.
1/4"×3/8"×1/4" (6×9.5×6 mm) Square notch	30-40 Sq.ft.
1/2"×1/2"×1/2" (13×13×13 mm) Square notch	20-24 Sq.ft.

- 50 to 60 sq.ft for 20 kg pack using 6x6x6 mm square notch - for ceramic tile
- 30 to 40 sq.ft for 20 kg pack using 6x9.5x6 mm square notch - for vitrified tile
- 20 to 24 sq.ft for 20 kg pack using 13x13x13 mm square notch - for stones & other larger format tile

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Surface must be structurally sound, smooth and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust, grease, loose material and any other contamination, which may interfere with a good bond. Surface temperature should be maintained between 10° C to 38° C for good adhesion. Concrete bricks/blocks /walls should be allowed dry out by exposure to air for at least 28 days.



### MIXING

The standard mixing ratio is 4.5 to 5 litres for 20 kg. Pour potable water or recommended latex admixture in the mixing container first, then add ADHCrete Thinset Adhesive. For best results, mix with a mixing paddle and 1/2” heavy-duty drill. To mix by hand, use a margin trowel and mix vigorously with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed adhesive to slake for 4 to 5 minutes. Remix again for 2 minutes and apply with the recommended notched trowel. Appropriately consistent mixed material will settle in the substrates in the form of strips (ridges) without slump when it is applied on substrates.



### APPLICATION PROCEDURE

Use proper sized notched trowels to ensure 100% coverage under a tile. Wet the substrate floor or wall slightly before applying the adhesive mixture. Apply a thin bond coat of the mortar to the substrate with a flat edge of the trowel approximately 3 mm thick. Comb the mixture with the notched edge of the trowel working in zero-one direction at 45° angle. If possible, spread in approximately one square meter at a time. Only apply as much adhesive mixture as can be covered with tiles within an open time. Check open time by touching the adhesive bed with your fingertip because open time will vary depending on temperature and humidity. Position tiles in the adhesive bed and press the tile firmly in a perpendicular motion across ridges moving back and forth because it allows maximum coverage. Back buttering is advisable for some tiles. Adjust tile promptly and beat in with a beating block and (wooden hammer) rubber mallet. Periodically pull up tile & check back to ensure proper adhesive coverage. If the material is dry or not sticky, re-comb with a notched trowel. If too dry, remove & replace with fresh material.

**Note:** Refer TDS or visit [www.adhcrete.com](http://www.adhcrete.com) for more information

# G1

## SUPERIOR GRADE

### HIGH-PERFORMANCE FLOOR & WALL TILE ADHESIVE

#### PRODUCT DESCRIPTION

ADHCRETE G1 is an excellent performance polymer modified thinset adhesive with non-sag and high mechanical properties. This is highly preferable for fixing large format tiles and natural stones for floor and wall application. You can mix with ADHCRETE SF Latex Admix for improved flexibility and high bond strength of the tile or the stone on special grade plywood. The product is polymer modified to provide a strong bond onto tiles with low porosity.

#### PACKING

20kg

#### COLOR

Grey & White



#### APPLICATION

Designed for floor and wall both interior and exterior application. Mix with ADH MIX SF Latex Admix for higher bonding strength and flexibility.

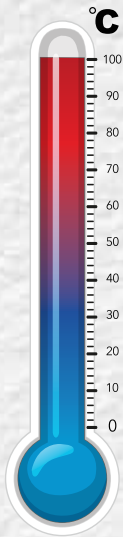
#### SUITABLE SUBSTRATES

1. Cement Mortar bed
2. Cement Plaster
3. Cement Floor
4. Cement Terrazzo

#### ADVANTAGES

1. Outstanding quality, easy to fix
2. Longer adjustment time, Very strong bond strength
3. Use on floor and wall in interior and exterior application
4. Long working time for difficult layout
5. Low shrinking and superior performance
6. Non-slip and water resistance
7. Property can be enhanced with ADHCRETE SF LATEX ADH MIX
8. Polymer modified to provide a strong bond onto tiles with low porosity
9. Recommended for both interior and exterior dado application





## Technical Data and Application Properties at 73°F (23°C) and 50% Relative Humidity

- Shelf Life - 1 year (if it is stored in a cool, dry place in original pack)
- Water Demand - 4.5 to 5 litres for 20 kg powder
- Open Time - Approximately 20 min.
- Adjustment time - Approximately 20 min.
- Pot Life - Approximately 4 hours
- Time for light foot traffic - 6 hours
- Time for normal foot traffic - 24 hours
- Time for heavy foot traffic - 72 hours
- Time before grouting - 24 hours

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on the laboratory condition and testing procedure used. Actual field performance may vary based on site conditions and method of installation. Company is not liable if the product fails to produce the declared result at the site.

## PERFORMANCE PROPERTIES

PERFORMANCE PROPERTIES AS PER ISI5477:2019 (TYPE 3 'T' S1)		
Test Conducted	Requirement	Test Results
Tensile Adhesion strength at Dry condition	≥1.5N/mm <sup>2</sup>	1.60 N/mm <sup>2</sup>
Tensile Adhesion strength at Wet condition	≥1.0N/mm <sup>2</sup>	1.1.N/mm <sup>2</sup>
Shear Adhesion strength at Dry condition	≥1.5N/mm <sup>2</sup>	1.7 N/mm <sup>2</sup>
Shear Adhesion strength at Wet condition	≥1.0N/mm <sup>2</sup>	1.2 N/mm <sup>2</sup>
Shear Adhesion strength at Heat Ageing	≥1.0N/mm <sup>2</sup>	1.4N/mm <sup>2</sup>
Deformability(S1)	≥2.5mm to <5mm	≥3mm

## COVERAGE

TROWEL SIZE	APPROX. COVERAGE
1/4"×1/4"×1/4" (6×6×6 mm) Square notch	50-60 sq.ft.
1/4"×3/8"×1/4" (6×9.5×6 mm) Square notch	30-40 sq.ft.
1/2"×1/2"×1/2" (13×13×13 mm) Square notch	20-24 sq.ft.

- 50 to 60 sq.ft for 20 kg pack using 6x6x6 mm square notch - for ceramic tile
- 30 to 40 sq.ft for 20 kg pack using 6x9.5x6 mm square notch - for vitrified tile
- 20 to 24 sq.ft for 20 kg pack using 13x13x13 mm square notch - for stones & other larger format tile

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Surface must be structurally sound, smooth and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust grease, loose material and any other contamination, which may interface with good bond. Surface temperature should be maintained between 10°C to 38°C for good adhesion. Concrete bricks/blocks /wall should be allowed to dry out by exposure to air for at least 28 days.



### MIXING

The standard mixing ratio is 4.5 to 5 litres for 20 kg. Pour potable water or recommended latex admixture in the mixing container first, then add ADHCrete Thinset Adhesive. For best result, mix with mixing paddle and 1/2" heavy—duty drill. To mix by hand, use a margin trowel and mix vigorously mix with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed adhesive to slake for 4 to 5 minutes. Remix again for 2 minutes and apply with the recommended notched trowel. Mixed material with proper consistency will settle in the substrates in the form of strips (ridges) without slump when it is applied on substrates.



### APPLICATION PROCEDURE

Use properly sized notched trowel to ensure 100% coverage under a tile. Wet the substrate floor or wall slightly before applying the adhesive mixture. Apply thin bond coat of the mortar to the substrate with flat edge of the trowel of approximately 3 mm thickness. Comb the mixture with the notched edge of the trowel working in one direction at 45° angle. If possible, spread in approximately one square meter at a time. Only apply as much adhesive mixture as can be covered with tiles within an open time. Check open time by touching the adhesive bed with your fingertip because open time will vary depending on temperature and humidity. Position tiles in the adhesive bed and press the tile firmly in a perpendicular motion across ridged moving back and forth, allows maximum coverage. Back buttering is advisable for some tile. Adjust tiles promptly and beat in with a beating block and (wooden hammer) rubber mallet. Periodically pull up tile & check back to ensure proper adhesive coverage. If material is dry or not sticky, re-comb with notched trowel. If too dry, remove & replace with fresh material.



# G2

**PREMIUM GRADE**

## FLOOR & WALL THINSET ADHESIVE

### PRODUCT DESCRIPTION

ADHCRETE G2 is a premium grade portland cement based thinset mortar for installation of small and medium format tile on various substrates. Best used for fixing large format tile, improved performance like additional workability, higher bonding strength, flexibility and fixing large format tile in exterior application add ADHmix SF Latex Admix.



#### COLOR

White & Grey

#### PACKING

20kg

### APPLICATION

Designed for floor and wall, small and medium format tile for interior and exterior application. Mix with ADHmix SF Latex Admix for large format tile for exterior application.

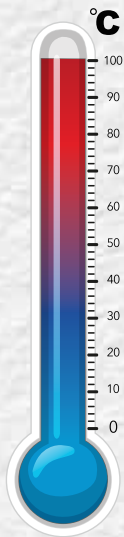
### ADVANTAGES

1. Longer adjustment time, High bond strength
2. Premium grade, easy to mix
3. Use for both floor and wall applications
4. Additional workability
5. Low shrinking and superior performance
6. Complies with National and International standard

### SUITABLE SUBSTRATES

1. Cement Mortar Bed
2. Cement Plaster
3. Cement Floor
4. Cement Terrazzo

# THINSET ADHESIVE



## Technical Data and Application Properties at 73° F (23°C) and 50% relative humidity

- Shelf Life - 1 year (if it is stored in a cool, dry place in original pack)
- Water demand - 4.5 to 5 litres for 20 kg powder
- Open Time - Approximately 15 min.
- Adjustment time - Approximately 15 min.
- Pot Life - Approximately 3 hours
- Time for light foot traffic - 6 hours
- Time for normal foot traffic - 24 hours
- Time for heavy foot traffic - 72 hours
- Time before grouting - 24 hours

\* Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary based on site conditions and method of installation. Company is not liable if the product fails to produce the declared result at the site.

## PERFORMANCE PROPERTIES

### PERFORMANCE PROPERTIES AS PER ISI5477:2019 (TYPE 2 'T')

Test Conducted	Requirement	Test Results
Tensile Adhesion strength at Dry condition	≥1.0N/mm <sup>2</sup>	1.2 N/mm <sup>2</sup>
Tensile Adhesion strength at Wet condition	≥1.0N/mm <sup>2</sup>	1.0N/mm <sup>2</sup>
Shear Adhesion strength at Dry condition	≥1.25N/mm <sup>2</sup>	1.30N/mm <sup>2</sup>
Shear Adhesion strength at Wet condition	≥1.0N/mm <sup>2</sup>	1.1N/mm <sup>2</sup>
Shear Adhesion strength at Heat Ageing	≥1.0N/mm <sup>2</sup>	1.1N/mm <sup>2</sup>

## COVERAGE

TROWEL SIZE	APPROX. COVERAGE
1/4"×1/4"×1/4" (6×6×6 mm) Square notch	50-60 sq.ft.
1/4"×3/8"×1/4" (6×9.5×6 mm) Square notch	30-40 sq.ft.
1/2"×1/2"×1/2" (13×13×13 mm) Square notch	20-24 sq.ft.

- 50 to 60 sq.ft for 20 kg pack using 6x6x6 mm square notch - for ceramic tile
- 30 to 40 sq.ft for 20 kg pack using 6x9.5x6 mm square notch - for vitrified tile
- 20 to 24 sq.ft for 20 kg pack using 13x13x13 mm square notch - for stones & other larger format tile

# INSTALLATION INSTRUCTIONS

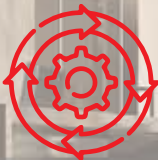
## SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Surface must be structurally sound, smooth and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust grease, loose material and any other contamination, which may interface with good bond. Surface temperature should be maintained between 10°C to 38°C for good adhesion. Concrete bricks/blocks /wall should be allowed to dry out by exposure to air for at least 28 days.



### MIXING

The standard mixing ratio is 4.5 to 5 litres for 20 kg. Pour potable water or recommended latex admixture in the mixing container first, then add ADHCrete Thinsset Adhesive. For best result, mix with mixing paddle and 1/2" heavy—duty drill. To mix by hand, use a margin trowel and mix vigorously with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed adhesive to slake for 4 to 5 minutes. Remix again for 2 minutes and apply with the recommended notched trowel. Mixed material with appropriate consistency will settle in the substrates in the form of strips (ridges) without slump when it is applied on substrates.



### APPLICATION PROCEDURE

Use properly sized notched trowel to ensure 100% coverage under a tile. Wet the substrate floor or wall slightly before applying the adhesive mixture. Apply thin bond coat of the mortar to the substrate with flat edge of the trowel of approximately 3 mm thickness. Comb the mixture with the notched edge of the trowel working in one direction at 45° angle.

If possible, spread in approximately one square meter at a time. Only apply as much adhesive mixture as can be covered with tiles within an open time. Check open time by touching the adhesive bed with your fingertip because open time will vary depending on temperature and humidity at the construction site.

Position tiles in the adhesive bed and press the tile firmly in a perpendicular motion across ridges moving back and forth because it allows maximum coverage. Back buttering is advisable for some tile. Adjust tiles promptly and beat in with a beating block and (wooden hammer) rubber mallet.

Periodically pull up tile & check back to ensure proper adhesive coverage. If material is dry or not sticky, re-comb with notched trowel. If too dry, remove & replace with fresh material.

# G3

## ECONOMY GRADE

### FLOOR & WALL THINSET ADHESIVE

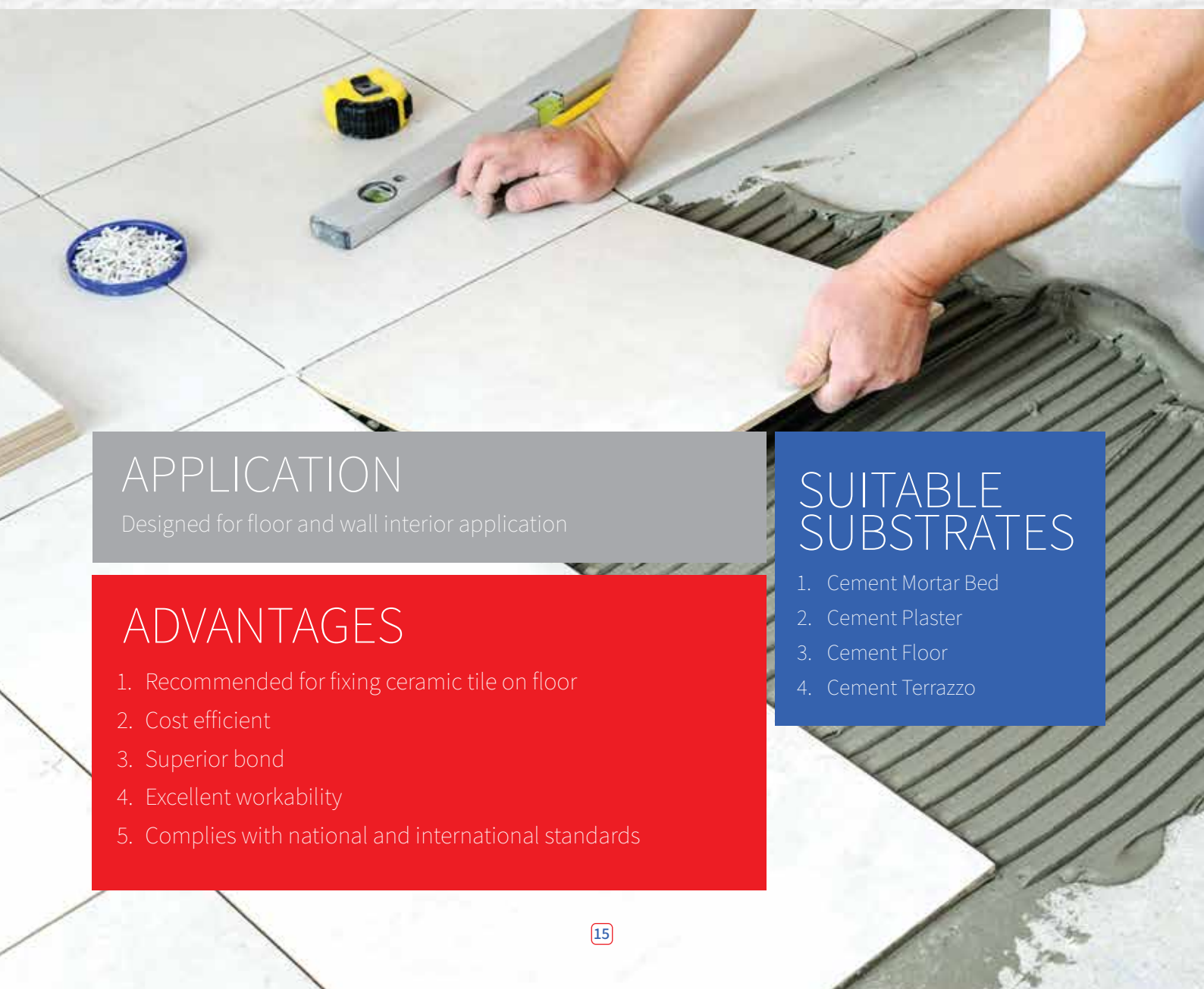
#### PRODUCT DESCRIPTION

Economy Grade polymer-modified dry set mortar contains portland cement, silica, polymer & additive for good adhesion. Mix with water for installation of small and medium size ceramic floor tiles in interior area.



**PACKING**  
10kg, 20kg & 30kg

**COLOR**  
Grey



**APPLICATION**  
Designed for floor and wall interior application

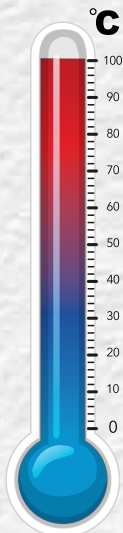
**SUITABLE SUBSTRATES**

1. Cement Mortar Bed
2. Cement Plaster
3. Cement Floor
4. Cement Terrazzo

**ADVANTAGES**

1. Recommended for fixing ceramic tile on floor
2. Cost efficient
3. Superior bond
4. Excellent workability
5. Complies with national and international standards

# THINSET ADHESIVE



## Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life - 1 year (if it is stored in a cool, dry place in original pack)
- Water demand - 4.5 to 5 litres for 20 kg powder
- Open Time - Approximately 10 min.
- Adjustment time - Approximately 10 min.
- Pot Life - Approximately 3 hours
- Time for light foot traffic - 6 hours
- Time for normal foot traffic - 24 hours
- Time for heavy foot traffic - 72 hours
- Time before grouting - 24 hours

\* Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary based on site conditions and method of installation. Company is not liable if the product fails to produce the declared result at the site.

## PERFORMANCE PROPERTIES

### PERFORMANCE PROPERTIES AS PER ISI5477:2019 (TYPE 1 'T')

Test Conducted	Requirement	Test Results
Tensile Adhesion strength at Dry condition	≥1.05/mm <sup>2</sup>	0.74N/mm <sup>2</sup>
Tensile Adhesion strength at Wet condition	-	-
Shear Adhesion strength at Dry condition	≥1.0N/mm <sup>2</sup>	1.2 N/mm <sup>2</sup>
Shear Adhesion strength at Wet condition	-	-
Shear Adhesion strength at Heat Ageing	-	-
Slip Resistance(T)	≥0.5mm	0.3mm

## COVERAGE

TROWEL SIZE	APPROX. COVERAGE
1/4" x 1/4" x 1/4" (6 x 6 x 6 mm) Square notch	50-60 sq.ft.
1/4" x 3/8" x 1/4" (6 x 9.5 x 6 mm) Square notch	30-40 sq.ft.
1/2"x 1/2"x 1/2" (13 x13 x13 mm) Square notch	20-24 sq.ft.

- 50 to 60 sq.ft for 20 kg pack using 6x6x6 mm square notch - For ceramic tile
- 30 to 40 sq.ft for 20 kg pack using 6x9.5x6 mm square notch - For vitrified tile
- 20 to 24 sq.ft for 20 kg pack using 13x13x13 mm square notch - for stones & other larger format tiles

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Surface must be structurally sound, smooth and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust grease, loose material and any other contamination, which may interface with good bond. Surface temperature should be maintained between 10°C to 38°C for good adhesion. Concrete bricks/blocks /wall should be allowed to dry out by exposure to air for at least 28 days.



### MIXING

The standard mixing ratio is 4.5 to 5 litres for 20 kg. Pour potable water or recommended latex admixture in the mixing container first, then add ADHCrete thinset adhesive. For best result, mix with mixing paddle and 1/2" heavy—duty drill. To mix by hand, use a margin trowel and mix vigorously with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed adhesive to slake for 4 to 5 minutes. Remix again for 2 minutes and apply with the recommended notched trowel. Mixed material with proper consistency will settle in the substrates in the form of strips (ridges) without slump when it is applied on substrates.



### APPLICATION PROCEDURE

Use properly sized notched trowel to ensure 100% coverage under a tile. Wet the substrate floor or wall slightly before applying the adhesive mixture. Apply thin bond coat of the mortar to the substrate with flat edge of the trowel of approximately 3 mm thickness. Comb the mixture with the notched edge of the trowel working in one direction at 45° angle.

If possible, spread in approximately one square meter at a time. Only apply as much adhesive mixture as can be covered with tiles within an open time. Check open time by touching the adhesive bed with your fingertip because open time will vary depending on the temperature and humidity.

Position tiles in the adhesive bed and press the tile firmly in a perpendicular motion across ridges moving back and forth because it allows maximum coverage. Back buttering is advisable for some tile. Adjust tile promptly and beat in with a beating block and (wooden hammer) rubber mallet.

Periodically pull up tile & check back to ensure proper adhesive coverage. If material is dry or not sticky, recomb with notched trowel. If too dry, remove & replace with fresh material.



### PRODUCT DESCRIPTION

ADHCRETE SLURRY BOND ADHESIVE is an economical and polymer modified cementitious powder that is mixed with water to form a free flowing adhesive slurry for installing ceramic and vitrified tiles on fresh cement-based screeds (wet-on-wet application). It can be used with ADHSCREED for engineered cement that is economical and has better fixing system than traditional cement.

### APPLICATION

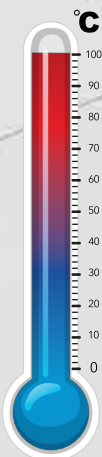
It is designed specially for installing ceramic and vitrified tiles on fresh cement based screed in interior and exterior floors, and installation of ceramic and vitrified tiles over concrete and variety of substrates floor and wall interior, and exterior application.

### SUITABLE SUBSTRATES

1. Cement Mortar Bed
2. Cement Floor

### COVERAGE

- 60 to 70 sq.ft for 20 kg bag for an applied thickness of 2mm



#### Technical Data and Application Properties at 73° F (23°C) and 50% relative humidity

- Shelf Life - 1 year (if it is stored in cool, dry place in original pack)
- Water demand - 8 litres for 20 kg powder
- Open Time - Approximately 20 min.
- Pot Life - Approximately 4 hours
- Shear bond strength porcelain tile (28 days) - Minimum 300PSI
- Shear bond strength porcelain tile in water immersion (28 days) Minimum 190 PSI
- Time for heavy foot traffic - 24 hours

#### COLOR

Grey & White

#### PACKING

30kg & 50kg

### ADVANTAGES

1. Outstanding Quality, Easy to fix
2. Free flowing, eliminates troweling
3. Longer adjustment time
4. Very strong bond strength
5. Use on floor in interior and exterior
6. Long working time
7. Non shrinking and superior performance
8. Water resistant
9. Polymer modified, to provide a strong bond onto tiles

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary based on site conditions and method of installation. Company is not liable if failed to produce mentioned result in the site.



## INSTALLATION INSTRUCTIONS

### SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Surface must be structurally sound, smooth and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust grease, loose material and any other contamination, which may interface with good bond. Surface temperature should be maintained between 10°C to 38°C for good adhesion. Rough or uneven concrete surface should be made smooth with ADHScreed Autocure for better finish. Installation can be made on wet screed surface. New concrete slabs shall be cured for 28 days before application.



### MIXING

The standard mixing ratio is 8 litre for 20 kg. Pour potable water in the mixing container first, then add ADHCRETE Slurry bond adhesive. For best result, mix with mixing paddle and 1/2" heavy —duty drill. To mix by hand, use a margin trowel and mix vigorously with hand or slow speed mixer until a homogeneous lump free flowing consistency is obtained. Allow the properly mixed adhesive to slake for 5 to 10 minutes. Remix again for 2 minutes and apply.



### APPLICATION PROCEDURE

Pour ADHCRETE Slurry bond adhesive over fresh ADHScreed AUTOCURE. ADHCRETE Slurry bond adhesive can be applied directly on the cement based screed while it is still fresh. Spread the slurry uniformly to form a thickness of 2 mm. Position tiles in to wet sticky adhesive bed and press the tile firmly in a perpendicular motion across ridged moving back and forth because it is allowing maximum coverage. Adjust tiles promptly and beat in with a beating block and (wooden hammer) rubber mallet. Periodically pull up tile and check back to ensure proper adhesive coverage and bedding adhesive transfer on to back of tile. Only apply as much adhesive mixture as can be covered with tiles within an open time. Check open time by touching the adhesive bed with your fingertip because open time will vary depending on temperature and humidity.

Excess adhesive must be removed from the surface of the tile and clean with wet cloth or sponge while adhesive fresh and has not hardened.

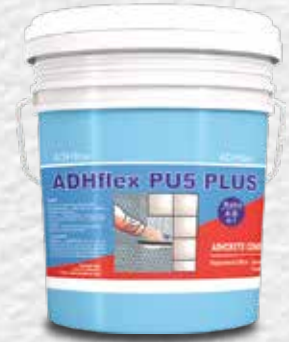


# ADHCRETE

## ADHFLEX PU 5 PLUS

### PRODUCT DESCRIPTION

ADHFLEX PU 5 is a Two-part polyurethane multipurpose adhesive for fixing all types of tiles and stones on a variety of substrates in interior and exterior areas on either walls or floor. It is suitable for fixing tiles/ stones over diverse surfaces like cement-based substrate, metal substrates, epoxy/ PU based substrate, drywall boards, Rubber, PVC, plywood, wood derivative and highly deformable & expandable, absorbent & non-absorbent substrates.



#### PACKING

4 kg

### USES

Epoxy or PU resin based substrates Wooden/plywood table tops to achieve waterproof substrate. Plywood, Plasterboards, Gypsum and Fibre cement boards PVC, Rubber and linoleum Epoxy or Polyurethane based substrates Metal & wood floor and walls

### SUBSTRATE PREPARATION

Substrates must be compact and consistent, free from any rising dampness, with no loose, flaky, or imperfectly anchored parts. The substrate must be stable, without cracks and have already completed the curing period of hygrometric shrinkage. Uneven areas must be corrected with suitable smoothing and finishing products. Installation shall be made on a dry surface. New concrete slabs must be damp cured and at least 28 days old prior to application. All surfaces must be plumb and true to within 6 mm in 10 ft (3m). Do not apply to substrates that have a 0 0 temperature of less than 12°C or greater than 40°C.

### MIXING

Add Part B to Part A and mix with a drill and paddle on a slow speed until a homogenous and uniform coloured paste is achieved.

### APPLICATION

Spread the mixed adhesive using a suitable notched trowel of the type and dimensions most appropriate for the format and type of tiles used. Apply the mix evenly as much material that can be tiled within the product's working time. Place the tiles and adjust to the correct position. Do not apply to substrates that have a 0 0 temperature of less than 12 C or greater than 40 C. ARDIFLEX PU 5 PLUS should not be used on the substrate having rising moisture problem or moisture content of more than 4%. Back butter large format tiles to provide full bedding and firm support. Place tiles into wet, sticky adhesive and tamp using a beating block or rubber mallet to fix tile and adjust level.

### ADVANTAGES

- Two components; just mix and use.
- Long open time - suitable for large format & external condition too.
  - Bonds to various substrates including metals
  - Sustains heat ageing - Idea for external & high temperature applications.
  - Highly flexible adhesive - sustains heavy vibrations.
  - Chemical resistant & resistance to solvents, alkalis & oils.
  - Suitable for multiple substrates including glass, metals, drywalls & plywood.
  - Suitable for fixing all tiles/ stones including composites, artificial stones, metal & glass tiles.



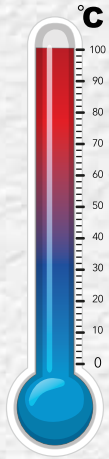
## CLEANING

Residues of ADHFLEX PU 5 PLUS can be cleaned from tools and covered surfaces with water and alcohol while the adhesive is still fresh. Once cured, the adhesive can only be removed by mechanical means

## GROUTING

Grouting should be carried out after 24 hours of tiling. Use the appropriate grouting material from ADHCRETE range of cementitious and epoxy grouts

## TECHNICAL INFORMATION



Product Appearance	
Mixed Material Appearance	Off White Paste
Mixed Density	1.65 ± 0.1 kg/ liter
Open Time Min	60 minutes
Adjustability Min	60 minutes
Pot Life Min	60 minutes
Sag/ Slip	≤ 0.3 mm
Application Temperature	10° C to 40° C
Resistance to temperature	-40° C to +100° C
Trafficable/ Grouting Time	24 hours Interval before normal use

## PERFORMANCE PROPERTIES

AS PER IS 15477 : 2019 (TYPE 5 'T S2')		
Testing Properties	Requirements	Test Results
Tensile Adhesion at Dry Condition, after 28 days	≥ 2.0 N/mm <sup>2</sup>	≥ 2.5 N/mm <sup>2</sup>
Tensile Adhesion at Wet condition		≥ 1.5 N/mm <sup>2</sup>
Shear Adhesion at Dry Condition	≥ 6.0 N/mm <sup>2</sup>	≥ 6.25 N/mm <sup>2</sup>
Shear Adhesion at Wet Condition		≥ 6.0 N/mm <sup>2</sup>
Shear Adhesion at Heat Ageing	≥ 3 N/mm <sup>2</sup>	≥ 5.75 N/mm <sup>2</sup>
Deformability (S2 )	≥ 0.50 mm	≥ 0.30 mm
Coverage per mm of thickness		≈ 1.5 kg/m <sup>2</sup>

## PERFORMANCE PROPERTIES

AS PER ISO 13007 AND EN 12004 (R2T)		
Testing Properties	Requirements	Test Results
Initial shear adhesion strength	≥ 2.0 N/mm <sup>2</sup>	≥ 5.0 N/mm <sup>2</sup>
Shear adhesion strength after water immersion	≥ 2.0 N/mm <sup>2</sup>	≥ 5.0 N/mm <sup>2</sup>
Shear adhesion strength after thermal shock	≥ 2.0 N/mm <sup>2</sup>	≥ 5.0 N/mm <sup>2</sup>
Tensile adhesion - Open time (at 60 minutes)	≥ 1.0 N/mm <sup>2</sup>	≥ 1.5 N/m m <sup>2</sup>
Slip resistance (T)	≤ 0.50 mm	≤ 0.20 mm

## STORAGE AND SHELF LIFE

ADHFLEX PU 5 has a shelf life of 12 months when stored in normal dry conditions

## PRECAUTIONS

Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

# SHADE CARDS

## 2000 SUPER FINE SERIES / 3000 EPOXY SERIES

	41. Bright White		108. Orange
	02. Cream White		84. Lemon Yellow
	86. Ivory		93. Light Green
	22. Beige		94. Pista
	102. Mushroom		97. Steel Grey
	96. Light Grey		132. Sky Blue
	24. Slate Gray		134. Alpine Blue
	109. Pink		133. Creta Blue
	125. Light Brown		115. Coffee Brown
	210. Wooden Brown		26. Metal Grey
	112. Burgundy		42. Platinum
	401. Terracotta		104. Jet Black

Colour shades printed on this Shade Card may vary slightly from the actual product, due to printing variations. Colours may also differ slightly due to site conditions, mixing ratio and installation methods. Test the suitability by applying on a small grouting area. We recommend to use fortify with ADHMixTG for cementitious grout to get improved mechanical property and flexibility.

# ADHCRETE 2000 SUPERFINE SERIES

## GROUTS

### PRODUCT DESCRIPTION

ADHCRETE 2000 Superfine Series Grout is a fine, polymer modified, water resistant, flexible, blend of cement, graded aggregates, polymers and colour. It is designed for grouting most types of tiles including ceramic, porcelain, natural stones & glass mosaics. Incorporating ADHCRETE ADHMIX TG into the grout will increase the grout's strength, flexibility and impermeability

#### PACKING

(1 Kg X 10 nos.)  
Cartons

(500 gm X 20 nos.)  
Cartons



### COVERAGE

Tile size & joint width (mm)	2000 Superfine Series		
	1 mm	2 mm	3 mm
100x 100 x 3	145	72	50
150x 150 x 4	163	80	55
200 x 150 x 5	150	75	50
200 x 200 x 5	170	85	60
200 x 300 x 6	171	86	61
300 x 300 x 6	215	110	70
400 x 400 x 6	285	145	100
450 x 450 x 7	275	140	88
500 x 500 x 8	270	135	88
600 x 600 x 8	325	160	110

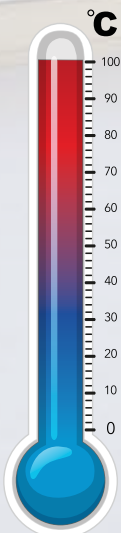
\*Coverage shown in the chart only for reference. Actual may vary depending on site condition

### APPLICATION

Grouting narrow joints between 1 mm to 3 mm, for soft bisque glazed wall tile, non-vitreous clay tile on interior and exterior floor and walls.

### ADVANTAGES

1. Uniform colour
2. Easy mixing & application
3. Non shrinking and non-cracking
4. Water and weather resistant
5. Hard and durable
6. Economical
7. Self-curing when mixed with ADHMIX TG
8. Easy maintenance
9. Available in attractive range of colours and many more customized colours



### Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life - 1 year (if it is stored in a cool, dry place in original pack)
- Mixing Ratio - 400 ml. ADHMix TG for 1 kg. grout powder
- Pot Life - Approximately 1 hour
- Tensile adhesion strength (28 days) - Minimum 400 PSI
- Flexural strength (28 days) - Minimum 800 PSI

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary on site condition and method of installation. Company is not liable if the product fails to produce the declared result at the site.

## LIMITATIONS

- It is not recommended to use for tiles with grout joint larger than 3 mm
- For higher chemical resistance use ADHCrete 3000 SERIES EPDXY GROUT
- Do not clean tile joints using acids
- Clean tile face promptly; don't allow settling material on tile face. Seal porous tiles before grouting

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Ensure that the adhesive has set and dried and that tiles are firm. Before starting to grout, remove spacers and other residue in grout joints and clean dust, loose material and any other contamination with wet sponge which may interface with good bond. Do not leave water standing between grout joints. Surface temperature should be maintained between 10°C to 34°C.



## MIXING

The standard mixing ratio is 400 ml of ADHMix TG for 1 kg of ADHCrete 2000 series superfine grout powder. Put ADHMix TG admixture in the mixing container first, and then add ADHCRETE 2000 superfine series grout. Mix with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed grout paste to slake for 5 minutes and remix.



## APPLICATION PROCEDURE

Dampen the surface with water. Using rubber float, apply the grout to a small area at a time. Completely fill the joints leaving no voids. Excess grout should be removed immediately using a rubber float held at 90° to the tiles. Float should be moved diagonally across the tiles to prevent removal of grout within the joints. Ensure that the grout completely filled the tile joints and remove the excess material.

**Grout Primary Cleaning:** Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.

**Grout Secondary Cleaning:** Remove remaining grout with a damp sponge (not wet) or a damp towel. Work diagonally to the joints. Allow it to dry. When the grout joints are firm, polish the surface with a coarse nylon pad or coarse cloth and minimal water.

**Note:** Use caution when polishing soft glazed tiles or polished stone.



# GROUTS

## ADHCRETE AQUAGUARD GROUT

### PRODUCT DESCRIPTION

It is a superior quality high polymer modified, high performance cementitious grout with hydrophobic property that allows tile joints to resist water. It is a blend of portland cement, chemical additives, graded aggregates and colours. It is recommended to mix with ADHMIX TG for improved performance

### APPLICATION

For interior and exterior floor and walls for 1 mm to 3 mm tile joint width.



#### PACKING

(1 KG \*10 nos.)  
Cartons

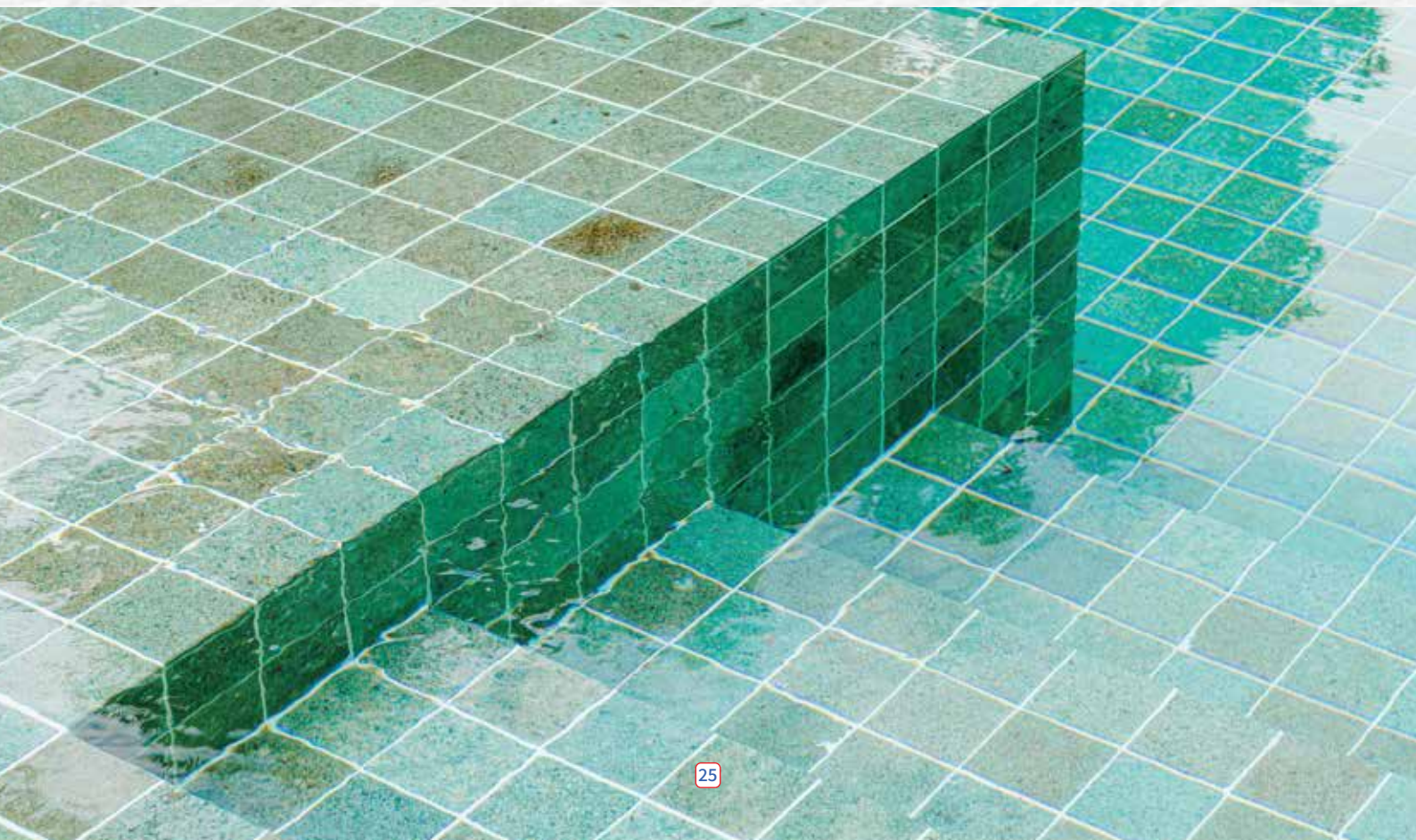
25 Kg bag

#### COLOR

24 colours &  
many more  
customised  
colours

### ADVANTAGES

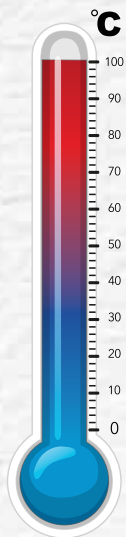
1. Water resistant
2. Improved Stain resistant
3. Smooth and fine finish
4. Colour-fast
5. Easy maintenance
6. Non shrinking and non cracking



# COVERAGE

Tile size & joint width (mm)	2000 Superfine Series		
	1 mm	2 mm	3 mm
100x 100 x 3	145	72	50
150x 150 x 4	163	80	55
200 x 150 x 5	150	75	50
200 x 200 x 5	170	85	60
200 x 300 x 6	171	86	61
300 x 300 x 6	215	110	70
400 x 400 x 6	285	145	100
450 x 450 x 7	275	140	88
500 x 500 x 8	270	135	88
600 x 600 x 8	325	160	110

\*Coverage shown in the chart only for reference. Actual may vary depending on site condition



## Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life - 1 year (if it is stored in a cool, dry place in original pack)
- Mixing Ratio - 400 ml ADHMix TG for 1 kg grout powder
- Pot Life - Approximately 1 hour
- Tensile adhesion strength (28 days) - Minimum 400 PSI
- Flexural strength (28 days) - Minimum 800 PSI

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary on site condition and method of installation. Company is not liable if the product fails to produce the declared result at the site.

## LIMITATIONS

- It is not recommended to use for tiles with grout joint larger than 3 mm
- For higher chemical resistance use ADHCrete 3000 SERIES EPDXY GROUT
- Do not clean tile joints by using acids
- Clean tile face promptly; don't allow settling material on tile face. Seal porous tiles before grouting.

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Ensure that the adhesive has set and dried, and that tiles are firm. Before starting to grout remove spacers and other residue in grout joints and clean dust, loose material and any other contamination with wet sponge which may interface with good bond. Do not leave water standing between grout joints. Surface temperature should be maintained between 10°C to 34°C.



### MIXING

The standard mixing ratio is 400 ml of ADHMix TG for 1 kg of ADHCrete 2000 series Superfine Grout powder. Pour ADHMix TG admixture in the mixing container first, and then add ADHCRETE 2000 Superfine Series grout. Mix with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed grout paste to slake for 5 minutes and remix.



### APPLICATION PROCEDURE

Dampen the surface with water. Using rubber float, apply the grout to a small area at a time. Completely fill the joints leaving no voids. Excess grout should be removed immediately using a rubber float held at 90° to the tiles. Float should be moved diagonally across the tiles to prevent removal of grout within the joints. Ensure that the grout completely filled the tile joints and remove the excess material.

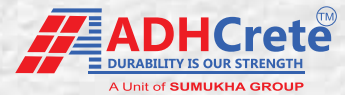
**Grout Primary Cleaning** - Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.

**Grout Secondary Cleaning** - Remove remaining grout with a damp sponge (not wet) or a damp towel. Work diagonally to the joints. Allow it to dry. When the grout joints are firm, polish the surface with a coarse nylon pad or coarse cloth and minimal water.

**Note:** Use caution when polishing soft glazed tiles or polished stone.



# ADHCRETE 2000 COARSE SERIES GROUT



## PRODUCT DESCRIPTION

ADHCRETE 2000 coarse series grout is a polymer modified, water resistant, flexible, blend of cement, graded aggregates, polymers and colour. It is designed for grouting a tile joint 3 mm-15 mm, recommended for ceramic quarry, terracotta, and stone tile. Incorporating ADHCRETE ADHMIX TG into the grout will increase the grout's strength, flexibility and impermeability.

### PACKING

(1 kg x 10 nos.)  
Cartons  
20 kg bag

## COVERAGE

Tile size & joint width (mm)	2000 Coarse Series				
	4 mm	6 mm	8 mm	10 mm	12 mm
100 x100 x3	35	23	17	14	12
150 x150 x 4	38	25	19	15	13
200 x 150 x 5	35	22	17	14	12
200 x 200 x 5	32	20	16	13	11
200 x 300 x 6	40	25	20	16	13
300 x 300 x 6	50	32	25	20	17
400 x 400 x 6	65	45	33	27	22
450 x 450 x 7	65	43	32	25	21
500 x 500 x 8	62	40	31	25	21
600 x 600 x 8	75	50	37.3	30	25

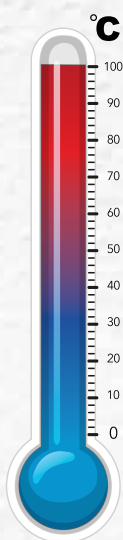
\*Coverage shown in the chart are only for reference. Actual may vary depending on site condition

## APPLICATION

Grouting joints between 3 mm to 15 mm, for external application, wide joints, quarry tile, treated terracotta tile & slate, and ensure tiles that are not scratched easily.

## ADVANTAGES

1. Uniform colour
2. Easy mixing & application
3. Non shrinking and non-cracking
4. Water and weather resistant
5. Hard and durable
6. Economical
7. Self-curing when mixed with ADHMix TG
8. Easy maintenance.
9. Available in attractive range of colours and many more customized colours



## Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life - 1 year (if it is stored in a cool, dry place in original pack)
- Mixing Ratio - 400 ml ADHMix TG for 1 kg grout powder
- Pot Life - Approximately 2 hours
- Foot Traffic - 12 hours
- Heavy Traffic - 24 hours

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary on site condition and method of installation. Company is not liable if the product fails to produce the declared result at the site.

## LIMITATIONS

- It is not recommended to use for tiles with grout joint larger than 3 mm
- It is not recommended to use for polished or glossy tiles. For glossy tile use 2000 superfine series
- For higher chemical resistance use ADHCRETE 3000 SERIES EPDXY GROUT
- Do not clean tile joints by using acids
- Clean tile face promptly; don't allow settling of material on tile face. Seal porous tiles before grouting.

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Proper surface preparation is essential for the correct installation of any floor covering. Ensure that the adhesive has set and dried, and that tiles are firm. Before starting to grout remove spacers and other residue in grout joints and clean dust, loose material and any other contamination with wet sponge which may interface with good bond. Do not leave water standing between grout joints. Surface temperature should be maintained between 10°C to 34°C.



### MIXING

The standard mixing ratio is 200 ml of ADHMix TG for 1 kg of ADHCrete 2000 coarse series grout powder. Put ADHMix TG admixture in the mixing container first, and then add ADHCRETE 2000 Coarse series grout. Mix with hand or slow speed mixer until a homogeneous lump free paste is developed. Allow the properly mixed grout paste to slake for 5 minutes and remix.



### APPLICATION PROCEDURE

Dampen the surface with water. Using rubber float, apply the grout to a small area at a time. Completely fill the joints leaving no voids. Excess grout should be removed immediately using a rubber float held at 90° to the tiles. Float should be moved diagonally across the tiles to prevent removal of grout within the joints. Ensure that the grout completely filled the tile joints and remove the excess material.

Remove remaining grout with a damp sponge. Work diagonally to the joints. Allow to dry. After drying remove the remaining grout film with a damp sponge. Do not use a dry cloth for cleaning as there is risk of discolouration by the soreness of dried grout into the damp joint.



## ADHCRETE 3000 SERIES EPOXY GROUT



ADHCRETE 3000 Series is supplied with mixing proportion carefully measured kit with PART A (Resin), Part B (Hardener), and Part C (Filler Powder)

### PRODUCT DESCRIPTION

ADHCRETE Epoxy 3000 series is solvent free, three component high performance, 100% solid epoxies and aggregates. It contains Part A and Part B in a pail and Part C in a separate pouch. ADHCRETE EPOXY 3000 series is non-sagging, easy to use, uniform in colour and colour fast. It is exceptionally stain resistant, impermeable and fireproof. ADHCRETE 3000 series epoxy grout is resistant to acids, alkalis and most solvent and offer maximum protection against staining and chemical attack from food, beverages, chemicals and cleaning agents.

ADHCRETE 3000 series Epoxy Grout is not affected by prolonged contact with water and has high temperature resistance.

### PACKING

1 kg x 5 kg  
(1/5th unit) 1 kg  
(1 full unit) 5 kg

### AREAS TO USE

- Interior & exterior applications
- Continuous immersed applications, pools, spas and steam rooms
- Industrial, commercial, processing plants, restaurants and commercial kitchens
- Installations requiring high acid and chemical resistance
- Installations requiring clinical sanitation such as hospitals, laboratories and veterinary clinics

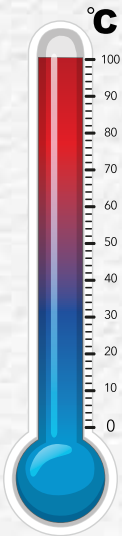
### ADVANTAGES

1. Uniform colour
2. Easy mixing & application
3. Non shrinking and non-cracking
4. Water and weather resistance
5. Chemical and thermal resistance
6. Hard and durable
7. Stain free
8. Easy maintenance
9. Available in attractive range of colours and many more customized colours

## COVERAGE

Tile size (mm)	3000 Series Epoxy (For 5 kg kit in sq.ft.)						
	2 mm	3 mm	4 mm	6 mm	8 mm	10 mm	12 mm
100 x 100 x 3	290	210	150	100	75	60	50
150 x 150 x 4	325	225	165	110	80	70	55
200 x 150 x 5	300	200	150	100	75	60	50
200 x 200 x 5	350	230	175	120	90	70	60
200 x 300 x 6	340	230	175	120	90	70	60
300 x 300 x 6	435	300	220	150	110	90	75
400 x 400 x 6	575	380	290	200	150	120	100
450 x 450 x 7	550	375	280	190	140	110	100
500 x 500 x 8	550	365	270	180	140	110	90
600 x 600 x 8	650	440	325	220	160	130	110

\*Coverage shown in the chart are only for reference. Actual may vary depending on site condition



### Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life is 12 months if stored between 0°C to 43°C in factory sealed container
- Water clean-ability > 80 min
- Initial Setting 180 min
- Service Setting < 7 days
- Compressive strength > 7500 psi
- Tensile Strength > 1500 psi

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure. Actual field performance may vary on site condition and method of installation. Company is not liable if the product fails to produce the declared result at the site.

### LIMITATION

- Do not alter the mixing ratio of Part A, Part B & Part C
- Light colour may darken slightly from direct UV exposure
- Should not be used in an environment with temperature requirement 100°C
- All epoxies are temperature sensitive. Epoxies are easy to apply when temperature is between 21°C to 29°C. Lower temperature will cause epoxy to become stiff and extend the initial set. Higher temperature will cause it to become fluid and will accelerate the set
- Not recommended for some manufacturing facilities where heavy solvents are used. Consult technical services on questionable installations
- Actual colour may slightly vary compared to grout shade card. When colour consideration is critical, mock-up should be constructed prior to final selection and application
- When used to install tiles in an area that will be continually wet (e.g. swimming pools, fountains, etc.), it is recommended that the complete installation be cured 14 days prior to full submersion with chemically treated water

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Grout joints must be clean, dry and be free from any excess adhesive or foreign material and not subjected to the temperature less than 16°C or more than 36°C. It may be necessary to take excess adhesive from the grout joints for ensuring a maximum and uniform grout joint depth. For porous or unglazed tiles, it may be necessary to dampen the joints prior to application. It is recommended that porous tiles be sealed prior to grouting to avoid staining. Tile spacers must be removed prior to grouting.



### MIXING

Pour entire contents of ADHCrete 3000 Series Epoxy Grout Part A and Part B container into a clean mixing pail. Mix with a trowel or a slow speed drill mixer until liquids are completely blended. Add ADHCRETE Part C Filler Powder into a mixed liquid and mix to a uniform consistency. Mix as stiff as possible to work into the joints. Once mixed, the material must be used within the specified pot life. After this time, unused material will have stiffened and should be discarded.



### APPLICATION PROCEDURE

Remove all mixed epoxy grout from container and spread out on mortar board as soon as mixing is complete. Grout vertical surfaces as soon as possible after mixing. When grouting walls, place epoxy on single unbounded tile or plastic sheet on floor. Apply grout using a hard epoxy rubber float, filling all joints full and even with the surface of tile. It is important to achieve 100% fill coverage with no voids in the joints to prevent pin holes and slumping of the epoxy grout.

### CLEANING

Remove excess grout by hold the float at a 90° angle and pulling the float diagonally across the grout joints using it like squeegee. Do not allow epoxy to set on face of tile.

**Initial Cleaning:** After 30-45 min of the application of the grout, apply liberal amounts of clean water to the grouted area. Adding a few drops of dishwashing liquid to the water will aid in cleanup. Using scrubbing sponge as little pressure as possible, work in circular motion across tile to loosen epoxy film and to finish the joints smoothly. Change rinse water and sponge if build up occurs frequently to aid the clean-up. Then take a clean thick towel and drag across the tile to remove any residue.

**Final Cleaning:** Within 24 hours or after the grout sets firmly do a second cleaning in similar way.

### CURING OF PRODUCT

Tiles can accept light foot traffic after 24 hours and heavy traffic after 72 hours. Protect from harsh industrial cleaners for 7 days and aggressive chemicals for 14 days. All grouting and cleaning should be completed within a pot life. Use only water for initial maintenance for 7 days. Avoid grouted area from dust, dirt and other contamination until it is fully cured.

# ADHCRETE GLITTERING SERIES EPOXY GROUT



**PACKING**  
 1 Kg (1/5th unit) & 5Kg (1 full unit)  
 ADHCRETE Epoxy Glittering series is supplied with mixing proportion carefully measured kit with Part A (Resin), Part B (Hardener), and Part C (Filler Powder)

**COLOR**  
 Available in 40 colours and 3 finishes - Gold, Silver and copper

## PRODUCT DESCRIPTION

ADHCrete Epoxy Glittering Series is a solvent free three component high performance, 100% solid epoxies and aggregates specially designed for wall and floor to enhance aesthetics. It contains Part A and Part B in pail and Part C in separate pouch. ADHCrete Epoxy Glittering series is non-sagging, easy to use, uniform in colour and colour fast. It is exceptionally stain resistant, impermeable and non-flammable.

ADHCrete Epoxy Glittering Series grout is resistant to acids, alkalis and most solvents and offer maximum protection against staining and chemical attack from food, beverages, chemicals and cleaning agents. ADHCrete Epoxy Glittering Series grout is not affected by prolonged contact with water and has high temperature resistance.

## AREAS TO USE

- Interior & Exterior applications
- Hotels
- Restaurants and Commercial kitchens
- Bathrooms, Lobbies
- Swimming Pools and Showrooms

## ADVANTAGES

1. Good aesthetic look
2. Easy mixing & application
3. Non-shrinking and non-cracking
4. Chemical and thermal resistance
5. Hard and durable
6. Stain free



**CLEANING**  
 Remove excess grout by holding the float at a 90° angle and pulling the float diagonally across the grout joints using it like squeegee. Do not allow epoxy to set on face of tile.

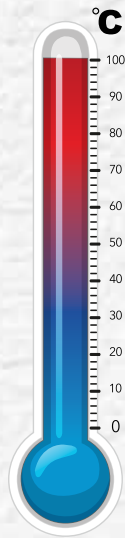
**Initial Cleaning:** After 30-45 minutes of the application of the grout, apply liberal amounts of clean water to the grouted area. Adding a few drops of dish washing liquid to the water will aid in cleanup. Use scrubbing sponge with as little pressure as possible, work in circular motion across tile to loosen epoxy film and to finish the joints smoothly. Change rinse water and sponge if build up occurs frequently to aid the clean-up. Then take a clean thick towel and drag across the tile to remove any residue.

**Final Cleaning:** Within 24 hours or after the grouts set firmly do a second cleaning in similar way.

# COVERAGE

Tile size (mm)	3000 Series Epoxy Grout (For 5 kg kit in sq.ft.)						
	2 mm	3 mm	4 mm	6 mm	8 mm	10 mm	12 mm
100 x 100 x 3	290	210	150	100	75	60	50
150 x 150 x 4	325	225	165	110	80	70	55
200 x 150 x 5	300	200	150	100	75	60	50
200 x 200 x 5	350	230	175	120	90	70	60
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500 x 500 x 8	550	365	270	180	140	110	90
600 x 600 x 8	650	440	325	220	160	130	110

\*Coverage shown in the chart only for reference. Actual may vary depending on site condition



## Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life of 12 months if stored between 0°C to 43°C in factory sealed container
- Water clean-ability > 80 min.
- Initial Setting 180 min.
- Service Setting < 7 days
- Compressive strength > 7500 psi
- Tensile Strength > 1500 psi

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary on site condition and method of installation. Company is not liable if the product fails to produce the declared result at the site.

### LIMITATION

- Do not alter the mixing ratio of Part A, Part B & Part C
- Light colour may darken slightly from direct UV exposure
- Should not be used in an environment with temperature requirement 100°C
- All epoxies are temperature sensitive epoxies are easy to apply when temperature is between 21°C to 29°C. Lower temperature will cause epoxy to become stiff and extend the initial set. Higher temperature will cause it to become fluid and will accelerate the set.
- Not recommended for some manufacturing facilities where heavy solvents are used. Consult technical services on questionable installations
- Actual colour may slightly vary compared to grout shade card when colour consideration is critical, mock-up should be constructed prior to final selection and application
- When used to install tile in an area that will be continually wet (e.g. swimming pools, fountains, etc.), it is recommended that the complete installation be cured 14 days prior to full submersion with chemically treated water.

# INSTALLATION INSTRUCTIONS

## SURFACE PREPARATION

Grout joints must be clean, dry and free from any excess adhesive or foreign material and not subjected to the temperature less than 16°C or more than 36°C. It may be necessary to take excess adhesive from the grout joints for ensuring a maximum and uniform grout joint depth is achieved. For porous or unglazed tiles, it may be necessary to dampen the joints prior to application. It is recommended that porous tiles be sealed prior to grouting to avoid staining. Tile spacers must be removed prior to grouting.



### MIXING

Pour entire contents of ADHCRETE Epoxy Glittering series Grout Part A and Part B container into a clean mixing pail. Mix with a trowel or a slow speed drill mixer until liquids are completely blended. Add ADHCRETE Part C Filler Powder in to a mixed liquid and mix to a uniform consistency. Mix as stiff as possible to work into the joints. Once mixed, the material must be used within the specified pot life. If not, unused material will have stiffened and will have to be discarded.



### APPLICATION

Remove all mixed epoxy grout from container and spread out on mortar board as soon as mixing is completed. Grout vertical surfaces as soon as possible after mixing. When grouting walls, place epoxy on single unbounded tile or plastic sheet on floor. Apply grout using a hard epoxy rubber float, filling all joints full and even with the surface of tile. It is important to achieve 100% fill coverage with no voids in the joints to prevent pin holes and slumping of the epoxy grout.

### CLEANING

Remove excess grout by holding the float at a 90° angle and pulling the float diagonally across the grout joints using it like squeegee. Do not allow epoxy to set on face of tile.

**Initial Cleaning:** After 30-45 min of the application of the grout apply liberal amounts of clean water to the grouted area. Adding a few drops of dishwashing liquid to the water will aid in cleanup. Using scrubbing sponge as little pressure as possible, work in circular motion across tile to loosen epoxy film and to finish the joints smoothly. Change rinse water and sponge if build up occurs frequently to aid the clean-up. Then, take a clean thick towel and drag across the tile to remove any residue.

**Final Cleaning:** Within 24 hours or after the grout sets firmly, do a second cleaning in similar way.

### CURING OF PRODUCT

Tiles can accept light foot traffic after 24 hours and heavy traffic after 72 hours. Protect from harsh industrial cleaners for 7 days and aggressive chemical for 14 days. All grouting and cleaning should be complete within a pot life. Use only water for initial maintenance for 7 days. Protect grouted area from dust, dirt and other contamination until it is fully cured.



## ADHPOXY

### ADHCrete ADHPOXY SOFT 2K EPOXY GROUT



#### PACKING

1 kg, 3 kg & 5 kg  
Bucket

## PRODUCT DESCRIPTION

ADHCrete ADHPOXY 2K, a high performance 100% solid two component superior quality stain free, water resistant professional epoxy grout, is qualified for grouting of joints on flooring & wall on glass mosaic, ceramic tile, natural stone. ADHPOXY 2K is thixotropic two part epoxy based formulation having excellent resistance to wear choice special sheen effect which makes it a clearing choice of consultant fraternity. ADHPOXY 2K Grout is not affected by prolonged contact with water and has high temperature resistance. Tile installed with ADHPOXY can be grouted in 12 hours.

## APPLICATION

ADHPOXY can be applied with a suitable trowel or Putty blade based on the area of application and requirement. Mix the ADHPOXY gently keeping in mind that the product's open time is one hour. Substrates must be compact and consistent, free from dust, oil and grease, without cracks and have already completed the curing period of hygrometric shrinkage. Undulated areas must be rectified with suitable smoothing and finishing products.

## ADVANTAGES

- Efficient and user friendly
- Easy mixing and application
- Ideal for all water bodies like water tanks, swimming pools, hot tubes, bath rooms, kitchen and wash areas etc.
- Interior and exterior application of wall and floor
- Can be used with the spacer joint of 2mm to 10 mm for all types of tiles and stones
- Water cleanable
- Stain free and Maintenance free

## COVERAGE

Varies with tile size and grout width. Refer ADHCrete Grout coverage Chart or our Sales Representative.

## INSTALLATION INSTRUCTIONS

### SURFACE PREPARATION

Surface must be structurally sound, smooth and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust, grease, loose material and any other contamination, which may interface with good bond. Thoroughly wire brush the surface & clean the dust by air compressor or wash the surface with water. Oil & grease must be removed using de-greasing solvents. Any damaged surface must be repaired by using polymer modified repair mortar. Concrete bricks/block/wall to dry out by exposure to air for at least 28 days.



### MIXING & APPLICATION PROCEDURE

- Pour the Part A to a clean bucket
- Add Part B filler powder to a bucket and continuously stir by hand or slow speed mixer until you get a homogeneous slurry
- Apply mixed component by brush or roller on substrate
- For excellent result apply two coats, after application of first coat, wait 1-2 hours for cure, and then apply second coat
- Each coat thickness should not exceeds 1.5 mm and 1 mm is recommended
- Allow 14-16 hours curing of final coat before laying screed or tilling Allow 24 hours curing of final coat

Mix ratio:	Component A : component B=9 : 1
Consistency of mix:	Thick paste
Density of mix (kg/m <sup>3</sup> ):	1.55kg/l
Pot life:	45 minutes
Application temperature:	from +12°C to +30°C
Shear adhesion strength according to EN 12003 (N/mm <sup>2</sup> ):	
- initial	≥ 2 N/mm <sup>2</sup>
- after water immersion	≥ 2 N/mm <sup>2</sup>
- after thermal shock	≥ 2 N/mm <sup>2</sup>
Abrasion resistance (EN 12808-2)	≤ 250 mm <sup>3</sup>
Mechanical flexural strength after 28 days in standard conditions (EN 12808-3)	≥ 30 N/mm <sup>2</sup>
Mechanical compressive strength after 28 days in standard conditions (EN 12808-3)	≥ 45 N/mm <sup>2</sup>
Shrinkage (EN 12808-4)	≤ 1.5 mm/m
Water absorption after 4 hours (EN 12808-5)	≤ 0.1 g

## ADHCRETE ADHMIX TG

### PRODUCT DESCRIPTION

ADHCRETE ADHMIX TG is a high performance, latex based admixture specially designed for use with ADHCrete Tile Grout Superfine 2000 series cementitious grout. ADHMIX TG used in the place of water to provide flexibility to the system after curing.



#### PACKING

200 ml, 400 ml,  
5 ltr & 20 ltr

### APPLICATION

- Interior and exterior use for coarse and fine series grout
- For improved performance used in all types of ceramic tile, marble & natural stones and the like.

### ADVANTAGES

1. Increased flexibility
2. Easy cleaning - prevent from staining
3. Resists powdering and cracking
4. Chemical and thermal shock resistant
5. Reduces water absorption

## ADHCRETE ADHMIX SF

### PRODUCT DESCRIPTION

It is a super flexible latex admixture for use with thinset adhesives to get very high flexibility along with strong bond strength for installation of tiles or stones on most dry wall applications specially plywood. It is specially formulated to use with ADHCRETE G1 Superior Grade High Performance Tile Adhesive for strong and super flexible bond.



#### PACKING

5 ltr & 20 ltr

### APPLICATION

- It is used in place of water with thinset tile adhesive installation
- For installation ceramic tile and natural stone on plywood and variety of substrates.

### ADVANTAGES

1. Easy to use,
2. Non-hazardous, non-flammable liquid
3. Make high strength shock and impact resistant
4. Strong super flexible with very good adhesion to many substrates

## COVERAGE

Approximately 85 sq.ft to 90 sq.ft when 7.5 litres of ADHMIX G1 Latex Ad mix with 30 kg ADHCRETE G1 thinset tile adhesive for 3 mm bed thickness.

# ADHMIXTURES

## ADHCRETE ADHMIX TBM



PACKING

5 ltr & 20 ltr

### PRODUCT DESCRIPTION

ADHCRETE ADH MIX TBM is a concentrated latex admix is diluted with water on job site and then mixed with ADHScreed Auto Cure or ADHCRETE Readymade Plaster to make screed, plasters, coatings and thick mortar beds to get highly improved physical property & mechanical characteristics and it can be used for interior and exterior applications.

### COVERAGE

Varies by application

### ADVANTAGES

- Interior and exterior installation
- High thermal, shock and chemical resistant
- Superior flexibility
- Increased bond strength and mechanical property
- Can use for repairing & patching of wall and concrete floor

## ADHCOAT IWA Liquid Integral Waterproofing ADH Mixture

### PRODUCT DESCRIPTION

ADHCOAT IWA- Liquid integral waterproofing Admixture will drastically reduce water absorption in structural and precast concrete. This latex based admixture waterproofs by improving the quality of the concrete or mortar. It reduces the water demand for required workability and minimises segregation and bleeding. Thus it is more efficient compared to traditional powder waterproofs as its use results in two fold improvement of concrete or mortar. suitable for use in below ground structures, reinforced concrete in marine areas, piles, water retaining structures, manholes, waste water treatment and desalination plants.

### USES

To minimise permeability and increase the waterproofing properties of concrete and cement sand mortars for critical applications like roof slabs and screeds, basements, external plastering, bathroom floors, water tanks, sumps, drains etc.

### DOSAGE

200 ml per 50 kg of cement.

### SHELF LIFE & STORAGE

Shelf life is 12 months from the date of manufacturing if stored in factory sealed container. Store under cover, away from direct sunlight and protect from extreme temperature. In hot temperature conditions, it must be stored in a temperature-controlled environment i.e. less than 30° C.

### ADVANTAGES

- Easy to use • Liquid admixture: Instant and complete dispersion throughout the mix. Uniform waterproofing throughout concrete matrix • High efficiency: Dramatic reduction in permeability of concrete/ mortar • Improved workability: Improves compaction of concrete and mortar, even where harsh sands or aggregates are used • Improved concrete quality: Minimizes porosity and honey combing. Produces dense homogenous concrete • Improves durability and compressive strength.

### TECHNICAL INFORMATION

Appearance	Dark Brown Liquid
Specific Gravity	1.08 ± 0.02
pH Value	7 to 8
Chloride Content	Nil



## HP-200

ADHCrete ADHMix HP 200

### PRODUCT DESCRIPTION

ADHCrete ADHMix HP 200 is a highly effective water reducing compound for promoting accelerated hardening and pre-flowing cement mortar, concrete hollow block, paver block and Aceblock etc. It also gives early strength and improved final strength to the concrete structures.



#### PACKING

20 ltr Bucket &  
220 kg Container

## DOSAGE

ADHCrete ADHMix HP 200 can be used in the range of 200ml to 300ml per bag of cement (50 Kg) depending upon the desired workability. Over dosage would increase the workability at the expense of reduced setting time, however final concrete strength would not change.

## ADVANTAGES

- Reduction in water cement ratio
- Reduction of setting time
- High strengths after 6-8 hours
- Early demoulding

## APPLICATION

Superplasticizer ADHMixture for grey cementitious paver block and tiles.

# WATERPROOFING

## ADHCOAT PAINT AND BOND

### PRODUCT DESCRIPTION

Paint and bond is a two component cementitious & acrylic flexible waterproofing & protective coating composed of best quality portland cement, properly selected & graded aggregates, additives & acrylic emulsion polymer as a binder, specially designed for use on roofs, water tanks and water retaining structure as well as in bathrooms showers, kitchens as an under tile protective membranes and a wide variety of extreme service class structures because on curing it forms an excellent elastomeric, waterproof & protective layer over the substrate. The product is a specially formulated superior quality latex admixture to be mixed with filler powder to form brush applicable slurry mortar which works as an excellent waterproofing agent.



### PACKING

5.75 kg, 11.5 kg & 46 kg

## AREAS TO USE

- Water tanks and swimming pools
- Concrete & brick masonry
- Cement plaster & cement mortar beds
- Many dry wall boards

## ADVANTAGES

1. Flexible, Suitable for all cementitious substrates
2. Water based - Safe to use. Solvent-free
3. Excellent shear bond strength
4. Two component elastomeric waterproofing system
5. Specially formulated latex admixture
6. Vertical and horizontal surface for both interior and exterior
7. High shear bond strength

## COVERAGE

It approximately covers 9 to 10 sq.ft per kg in 1.5 mm thickness. Will vary depending on job site conditions.

## SHELF LIFE

Shelf life is 12 months from the date of manufacturing if stored in factory sealed container. Store under cover, away from direct sunlight and protected from extreme temperature. In hot temperature conditions, it must be stored in a temperature-controlled environment i.e. less than 30°C.

# WATERPROOFING



## INSTALLATION INSTRUCTIONS

### SURFACE PREPARATION

The surface must be structurally sound, smooth, and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust, grease, loose material and any other contamination, which may interface with good bond. Thoroughly wire brush the surface & clean the dust by air compressor or wash the surface with water. Oil & grease must be removed using de-greasing solvents. Any damaged surface must be repaired by using polymer modified repair mortar. Concrete bricks/block/wall to dry out by exposure to air for at least 28 days.



### MIXING & APPLICATION PROCEDURE

- After proper cleaning of surface take 1 part of ADHCOAT WATERGUARD and 2 part of portland cement
- Shake well the liquid component to a homogenous milky colour. Before mixing transfer entire quantity of liquid component into a suitable clean mixing vessel, gradually start adding the powder component under constant mixing with a stirrer, using a pneumatic or electric power tool (1kw) at slow speed at 250-300 rpm for 3- 5 minutes to get a homogeneous & uniform free flowing slurry
- Apply mixed component by brush or roller on substrate
- For excellent result apply two coats. After application of first coat wait for 1-2 hour for cure then apply second coat
- Thickness of each coat should not exceeding 1.5 mm and 1 mm is recommended
- Allow 24 hours curing of final coat

# ADHCOAT WATERGUARD

## PRODUCT DESCRIPTION

ADHCOAT WATERGUARD is a specially formulated superior quality waterproofing admixture to be mixed with 2 parts of portland cement to form brush applicable slurry mortar which works as an excellent waterproofing agent.



## PACKING

5 ltr and 20 ltr

## AREAS TO USE

Water tanks, basements, car parks, terraces, balconies, bridges, retaining walls, swimming pools, RC gutters, bathroom walls, wet rooms such as kitchens, waste water treatment plants, shower rooms and laundries.

## ADVANTAGES

1. Mixes and applies easily
2. Easily applied by roller or brush
3. Good adhesion to sound substrates
4. Impermeable
5. Increased frost and salt resistance
6. Non-toxic, same as cement
7. Flexible
8. Economical
9. Bonding agent for old concrete
10. Use as Mortar Repair additive

## COVERAGE

The product approximately covers 9 to 10 sq.ft area in 1 kg in 1.5 mm thickness. Will vary depending on job site conditions.

## SHELF LIFE

Shelf life is 12 months from the date of manufacturing if stored in factory sealed container, preserved in a shade under cover, away from direct sunlight and protected from extreme temperature. In hot temperature conditions, it must be stored in a temperature-controlled environment i.e. less than 30°C



## INSTALLATION INSTRUCTIONS

### SURFACE PREPARATION

Surface must be structurally sound, smooth, and dry. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dust, grease, loose material and any other contamination, which may interface with good bond. Thoroughly wire brush the surface & clean the dust using air compressor or wash the surface with water. Oil & grease must be removed using de-greasing solvents. Any damaged surface must be repaired by using polymer modified repair mortar. Concrete bricks/block/wall should be allowed to dry out by exposure to air for at least 28 days.



### MIXING & APPLICATION PROCEDURE

- After cleaning the surface properly, open the pail and stir appropriately
- Apply mixed component by brush or roller on substrate
- For excellent result, apply two coats. After application of the first coat, wait for 1-2 hours for cure, then apply second coat.
- Thickness of each coat not exceeding 1 mm, and 0.8 mm is recommended
- Allow 14 to 16 hours curing of final coat before tiling and screeding.
- Flood test can be conducted after 24 hours of final coat.





# ADHCOAT WATERPROOF

## PRODUCT DESCRIPTION

ADHCOAT WATERPROOF is a carefully prepared, excellent quality, liquid waterproof membrane ready-to-use under thin and thick bed installations. It is a single component, self-curing liquid that forms a flexible, strong waterproofing membrane which provide bond directly to a wide variety of substrates.



**PACKING**  
1 ltr, 5 ltr & 20 ltr

## AREAS TO USE

Interior and exterior, commercial, residential and industrial applications, swimming pools, Stalls, tub surrounds and other underwater applications; Food processing areas, bathrooms, kitchens and laundries and more.

- ## ADVANTAGES
1. Mixes and applies easily
  2. Single component, safe to use
  3. Ready to use, rapid drying time
  4. Water based low odour
  5. Very good adhesion
  6. Non Flammable (Fireproof)
  7. Mixes and applies easily

- ## SUITABLE SUBSTRATES
- Concrete masonry, brick masonry, cements terrazzo and the like.
  - Concrete, cement mortar bed, cements plaster and more.
  - Plywood and other dry all application.

## COVERAGE

The coverage will be approximately 225 sq.ft. - 250 sq.ft. per 20 litres pail in 1.5 mm thickness, though the actual coverage will vary depending on conditions at the job site.

## SHELF LIFE

Shelf life is 12 months from the date of manufacturing if stored in factory sealed container. Store in a shade under cover, away from direct sunlight and protected from extreme temperature. In hot temperature conditions, it must be stored in a temperature-controlled environment i.e. less than 30°C.

# BONDING AGENT

## ADH-CON (SBR)

## ADH-CON (SBR) LATEX BONDING AGENT



### PACKING

1ltr., 5ltr., 20ltrs. & 220kg Barrel

### PRODUCT DESCRIPTION

ADH-CON (SBR) is a water dispersion of an architectural grade acrylic latex specifically designed for modifying Portland cement compositions. Mortar modified with ADH-CON (SBR) has improved physical strength, and superior adhesion to old concrete, masonry, brick, and many other surfaces. It is designed to mix with 2 parts of Portland cement and 1 part of silica sand at site before application. It works as an excellent bonding agent to old and new concrete and improves water resistance property and reduces shrinkage.

### APPLICATION

50 Kgs- cement • 145 Kgs Zone II sand • 10 KgsADH-CON SBR Latex • 10 -13 liter Recommended water • 10 mm - 30 mm recommended thickness

### APPLICATION PROCEDURE

General reconstruction work • Repairs to precast structural members • Bonding agent for old and new concrete • Additive for repair mortar

### ADVANTAGES

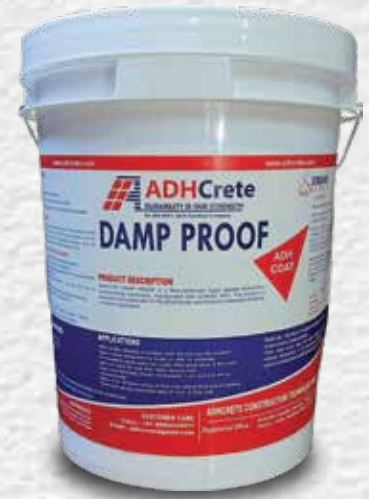
Mixes and applies easily • Can be easily applied by roller or brush • Good adhesion to sound substrates • Impermeable • Increased frost and salt resistance • Non-toxic, same as cement • Flexible • Economical • Bonding agent for old concrete • Use as Mortar Repair additive

### TECHNICAL INFORMATION

Colour	Milky White
Specific Gravity	Approx. 1.02 gm/cc
Solid Contents	> 35%
pH Value	10.5 - 11.0
Viscosity	130 Mpa
Minimum film form temperature	0°C / 32°F
Glass transition temperature	-60°C/21.20F
Breaking Load	4.0N / mm <sup>2</sup>
Specific Gravity	app. .098
Properties	Typical mechanical properties of 1:3 cement sand mortar at W/C -0.45 for control and W/C - 0.35 for mortar containing ADH-CON SBR Latex (10 litres / 50 kg cement). Tested in accordance with BS 6319 & wet cured.

# DAMP PROOF

## ADHCOAT DAMP PROOF



### PACKING

1ltr., 5ltr., & 20ltrs.

## APPLICATION

Level uneven surfaces including brickwork, with cement mortar. Lightly dampen the surface with clean water. Apply 3 coats of ADHCOAT DAMP PROOF with a soft bristled brush, each at a coverage rate of 0.5 litres per m<sup>2</sup> allowing each coat to dry before applying the next. Where possible ensure the ADHCOAT DAMP PROOF is keyed to the existing damp proof. ADHCOAT DAMP PROOF provides a waterproof membrane on bridge abutments, retaining walls, culverts, concrete or brick foundations and acts as a curing membrane when applied to green concrete.

## ADVANTAGES

Single component, safe to use • Ready to use, rapid drying time • Water based low odour • Very good adhesion • Non Flammable • Mixes and applies easily

## SURFACE PREPERATION

ADHCOAT DAMP PROOF should be applied to slightly damp, not wet surfaces. Do not apply outdoors when raining or if there is risk of rain, frost, fog, or dew before ADHCOAT DAMP PROOF has dried. Stir well before use. Before applying, make sure the surface is structurally sound, is clean and free from dust or any contaminants which may hinder adhesion.

# CORNER PLUS

## ADHCrete CORNER PLUS STRIP

### PRODUCT DESCRIPTION

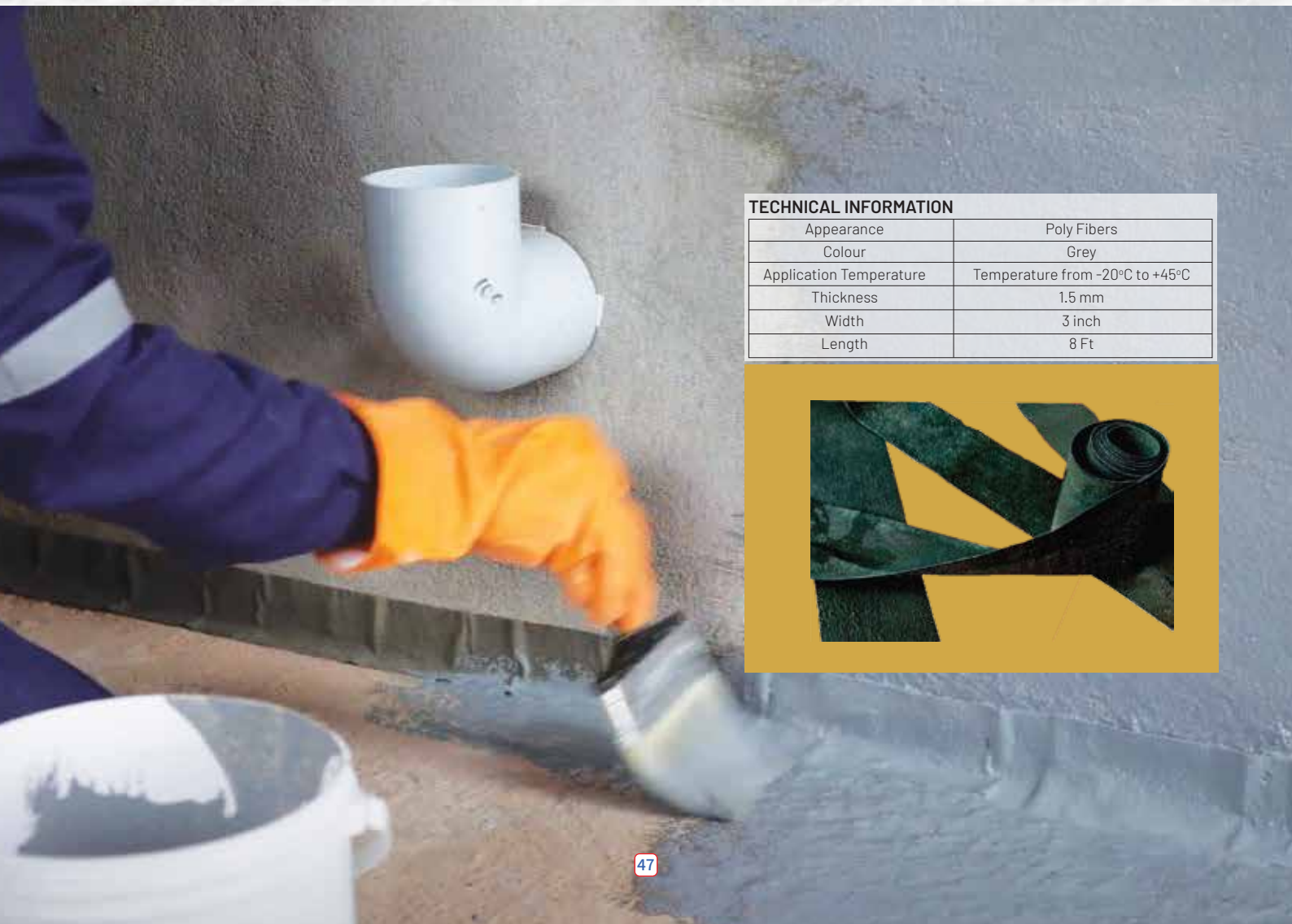
ADHCrete Corner Plus Strip is a ready-to-use, thin, strong yet flexible alkali-resistant mesh for embedment with waterproofing and crack-isolation membrane on residential and commercial floor joints & corners. ADHCrete Corner Plus Strip reinforces and improves the performance of Hydrobuild's waterproofing products when applied over cracks, coves and corners and around drains on residential and commercial applications. It has excellent compatibility with all cement- or epoxy-based mortars.

### APPLICATION

Clean the surface (corners) thoroughly. Surface should be dry. Remove the sticker and apply /stick the strip from one edge to the other and press gently. Apply one coat of paint and bond or Water guard or Conlatex over the strip with regular brush or roller brush. Two coats for best result. Apply one coat ADHCrete Waterproofing to corner. After it dries, stick the strip to the corners.

### ADVANTAGES

ADHCrete CORNER PLUS STRIP waterproofing products for complete system protection. • Durable • Flexible and lays flat making it easy to embed • Fast to install • Ready to use • Easy to cut with scissors or razor knife



#### TECHNICAL INFORMATION

Appearance	Poly Fibers
Colour	Grey
Application Temperature	Temperature from -20°C to +45°C
Thickness	1.5 mm
Width	3 inch
Length	8 Ft



# TILES & STONE CARE

## ADHSEAL NATURAL



### PRODUCT DESCRIPTION

It is a water-based, natural look, penetrating sealer that forms an invisible water repellent coating on substrates to resist stains, discolouration, efflorescence and soiling. Allows moisture vapour transmission. It is recommended for use on porous tiles, stones and cementitious grout joints for tiled floor and walls.

### APPLICATION

- Residential and commercial, ideal for soft and natural marble and porous tile
- Can be used as a grout releasing agent by treating the tile before the application of grout

### ADVANTAGES

- Water-based, fireproof
- Weather resistant - protects tile, stone & bricks
- Easy to apply by brush or roller

## USES

Shelf life is 12 months from the date of manufacturing if stored in factory sealed container. Store under cover, away from direct sunlight and protected from extreme temperature. In hot temperature conditions, it must be stored in a temperature-controlled environment i.e. less than 30°C.

## ADHSEAL 200 IMPREGNO



### PRODUCT DESCRIPTION

Solvent base, flouro-chemical technology based sealer for protection of all medium to dense porous tile/stone and grout surfaces. Provides a natural look with maximum protection against the toughest oil and water based stains, wine, vinegar, alkalis and freeze-thaw damages. It penetrates into the surface and forms an invisible barrier by allowing vapour to escape. The low odour formula makes it easy to use with a durable, long-lasting seal. Ideal for interior as well as exterior application.



#### PACKING

1 ltr,  
5 ltr & 20 ltr

### APPLICATION

- Interior & exterior application of tile and stone surface
- Wall and floor • Grout • Brick

### ADVANTAGES

- Hydrophobic /oleophobic
- Natural look and nano-impregnating technology
- Easy to use, superior coverage
- Allows tiles and stones to breath
- UV resistant, Weather resistant

## USES :

Seals mortar and plaster • Reduces the effect of efflorescence • Protects from water and rain.

COVERAGE Approximately 100 sq.ft. / ltr

## TBM

ADHCrete ADHMix TBM

PACKING

5 ltr & 20 ltr



### PRODUCT DESCRIPTION

ADHCrete ADHMix TBM, a concentrated latex admix, is diluted with water on job site and then mixed with Adhscreed Auto cure or ADHCrete Readymade Plaster to make screed, plasters, coatings and thick mortar beds to get highly improved physical property & mechanical characteristics and it can be used for interior and exterior application.

### MIXING

Use required amount of ADHCrete ADHMix TBM and water for 50 kg powder. Add liquid to the pre-blended powder slowly under mixing. Mix by hand or use a medium speed drill mixer (250 – 500 rpm speed) to achieve a smooth, paste-like consistency. It can also be mixed by creating a well in the middle of the mixed product, and gradually add pre-measured water mixing the product by shovel or trowel until a dry but moist workable mix is achieved. Stir occasionally, but do not add more water. Transfer the mixed product into a clean container and carry and pour into recess.

### ADVANTAGES

- Interior and exterior installation
- High thermal, shock and chemical resistant superior flexibility
- Increased bond strength and mechanical property
- Can use for repairing & patching of wall and concrete floor

#### TECHNICAL DATA

Mixing ratio:	Refer table
Pot Life:	Approx 4Hrs
Time to normal foot traffic:	18-24 hrs
Time to heavy foot traffic:	After 72 hrs
Compressive strength:	> 20 MPa
Flexural strength:	>4 Mpa
Tensile strength:	>2 MPa

### SURFACE PREPARATION

Surfaces must be structurally strong. Remove all grease, oil, dirt, curing compounds, sealers or any other contaminant that would prevent good bonding. Glossy, lime washed or painted surfaces must be sanded, or abraded, and stripped off all contaminants. Concrete floor must be free of efflorescence and not subject to hydrostatic pressure. Concrete floors should have a course finish to enhance the bond. Roughen the surface by sanding or abrading, then rinse and allow to dry.

#### COVERAGE CHART

Thickness	ADHPlast ready made Plaster	ADHMix TBM	WATER	COVERAGE
12mm	50 kg	1 Ltr	Add water depending on applicable consistency	25± 3 sqft
25mm	50 kg	1 Ltr		14±2 sqft
35mm	50 kg	0.5 Ltr		09±2 sqft
50mm	50 kg	0.5 Ltr		05±2 sqft

## QUICK SET

ADHCrete BSS-09 (PCE ADH Mixture)

### PRODUCT DESCRIPTION

ADHCrete BSS-09 (PCE ADHMixture) is a high range water reducing and accelerating admixture (ASTM C494 Type E). It gives high early strength. ADHCrete BSS-09 is new generation super plasticizer containing Carboxylic (COOH) group instead of sulphonic (SO3H) as in case of Melamine or Naphthalene Formaldehyde Sulphonate.

### ADVANTAGES

- High water reducing ability
- Improve early strength
- Improve concrete setting time
- Increase compressive and flexural strength of concrete at all ages
- More than 40 % water reduction in high performance concrete
- Linear water reduction throughout the recommended dosage
- Faster recycle of formwork owing to accelerated early strength development



PACKING

5 ltr & 20 ltr & 220 ltrs

## APPLICATION

It is a ready-to-use liquid which is dispensed into the concrete together with the mixing water. The plasticizing effect and water reduction are higher if the admixture is added to the damp concrete after 70 to 90% of the mixing water has been added. The addition of ADHCrete BSS-09 (PCE ADHMixture) to dry aggregate or cement is not recommended. Thorough mixing is essential and a minimum mixing cycle, after the addition of the ADHCrete BSS-09 (PCE ADHMixture), of 60 seconds for forced action mixers is recommended.

## DOSAGE

0.2 to 1.0 kilograms/100 kilograms Cementitious material for most concrete mixes using typical concrete ingredients. However for silica fume concrete, the dosage may fall outside recommendation and site trials in case of critical workability and setting time parameters as per requisites to fix optimum dosage. To be mixed with water and added to cement aggregate mixture. The best formulation should be made on site after completing enough tests.



### TECHNICAL INFORMATION

Nature	Synthetic
Colour	Pale
Specific Gravity	1.108±0.04
Solid Contents	30±1%
pH Value	5.5 to 6.5
Solubility	Readily soluble in water
Chloride content	Below 0.02%

### TECHNICAL INFORMATION

Nature	Synthetic Polycarboxylic Ether
Colour	Dark brownish Liquid
Specific Gravity	1.220 to 1.240
Solid Contents	30 ± 1%
pH Value	7.0 to 9.0
Solubility	Readily soluble in water
Sodium Sulphate	Max. 2.2%

## SP-1

ADHCrete ADHMix SP-1

### PACKING

5 ltr & 20 ltr  
& 220 ltrs



## PRODUCT DESCRIPTION

ADHCrete ADHMix SP-1 SUPER PLASTICIZER is a specially formulated integral cement waterproofing compound liquid form which contains selected plasticizer, surface active agents and additives. It is to produce fluidity in the mix and improve the workability of concrete, mortar or grouts. It provides very high water reduction. ADHMix SP-1 is a free flowing liquid which disperses evenly and easily in the water.

## AREAS TO USE

- Precast and pre stressed concrete
- Floor slab and girders
- Wall, column, beam and ceiling
- Lowers water cement ratio
- Ready mix concrete
- Pump concrete and mass concrete

## ADVANTAGES

- Imparts extreme fluidity
- Minimizes shrinkages crack in cement plasters
- Higher early and ultimate strength
- Placing with no vibration
- Improves surface finish, cohesion
- Minimizes the permeability and increase the waterproofing properties of concrete and cement mortar
- Produce denser and more durable concrete giving better protection to steel against corrosion
- Good water reduction helps to improve durability
- Chloride free

## CAUTION

As with all chemical products, following care should be taken during use and storage:

- Do not reuse container for storage of consumable item.
- ADH SP-1 is not a fire or health hazard
- If accidentally ingested, seek immediate medical attention
- Keep away from children and animals



**SF**

**ADHCrete ADHMix SF**

**PACKING**

5 ltr & 20 ltr



## PRODUCT DESCRIPTION

It is a super flexible latex admixture for use with thinset adhesives to get very high flexibility along with strong bond strength for installation of tile or stones on most dry wall applications specially plywood. It is specially formulated to use with ADHCrete G1 SUPERIOR GRADE HIGH PERFORMANCE TILE ADHESIVE for strong and super flexible bond.

## APPLICATION

It is used in place of water with thinset tile adhesive installation. For installation of ceramic tile and natural stone on plywood and variety of substrates.

## ADVANTAGES

- Easy to use
- Non hazardous, non-flammable liquid
- Make high strength shock and impact resistant
- Strong super flexible very good adhesive to many substrate

## MIXING

Use 5 ltr of ADHMix SF Latex based ADHCrete admixture for mixing 20 kg powder. Take ADHMix SF in a 20 Litres clean pail and pour powder slowly to the pail under slow mixing. Mix by hand or use a low speed drill mixer (150 – 200 rpm speed) to achieve a smooth, paste-like consistency. Let the homogeneously mixed adhesive mixture slake or stand 5 -10 minutes, stir again and use. Stir occasionally, but do not add water. When properly mixed, troweled ridges will stand without slump. Use a required size notch trowel to ensure proper coverage under tiles. Using the flat side of the trowel, apply a skim coat of mortar to the surface. With the help of properly notched or teeth side of the trowel held at a 45° angle, apply additional mortar to the surface, combing in one direction. Material in the bucket will remain workable for approximately 3- 4 hours.

## CAUTION

1. Store in cool and dry place.
2. High Humidity and moisture will affect product property
3. Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush throughly with water.
4. Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
5. Protect finished work from traffic or damage by other trades for an extended period of time during cold weather conditions. At room Temperature conditions 70 F(20C) protect overnight.
6. Keep out of reach of children.

### TECHNICAL INFORMATION

Appearance	Brown, Milky White
Specific Gravity	1.02 ± 1.04
pH Value	7 to 8
Solids (%)	25 ± 1

## COVERAGE

Approximately 85 - 90 sqft when 7.5 Litres of ADHMix SF latex admix with 30 kg ADHCrete G1 thinset tile adhesive for 3mm bed thickness.



# CLEANERS

## ADHCRETE S-T CLEAN GEN

### PRODUCT DESCRIPTION

A fast acting, safe, non-acidic water based cleaner that can be used for daily maintenance of floorings made with tile and stones. It is specially formulated for cleaning dust, dirt, grease and other difficult stains. It will not harm the polished stone surface. ADHCrete S-T Clean can used for regular and daily maintenance of tile and stone surface.



### PACKING

1 ltr & 5 ltr

### APPLICATION

- Interior
- Exterior
- Floor and Wall
- Bathrooms
- Kitchens

### ADVANTAGES

- Cost effective, fast acting
- Easy to use
- Environment friendly
- Non-acidic

**Note:** It is recommended to test apply on a small area of actual surface and make sure that the product is not harming the surface.



# CLEANERS

## ADHCRETE G-C CLEAN REG

### PRODUCT DESCRIPTION

A cementitious grout and adhesive haze remover. It is a fast acting, acid based cleaner used to remove sanded grout and adhesive haze, joint cement and other hard water deposits. It is a highly effective cleaner for daily maintenance of tile and stone. It is safe and less reactive.



#### PACKING

500ml, 1 ltr  
& 5 ltr



### APPLICATION

- Flamed & honed Granite
- Sanded Grout
- Concrete & masonry
- Porcelain & Quarry Tile
- Ceramic & Vitrified tiles
- Not for acid sensitive surfaces

### NOTE

- It is recommended to test apply on a small area of actual surface and make sure that the product is not harming the surface.
- Repeated acid washing may harm glossiness of the surface.
- Do not use ADHCrete G-C Clean Reg on acid sensitive stones eg. Polished marble, limestone, etc. Because it is an acid based cleaner

## ADHCRETE G-C HEAVY DUTY

### PRODUCT DESCRIPTION

A super strong, powerful acid cleaner for removing sanded grout and residue of mortar, hard water deposits, rust and other heavy dirt. It is used as both interior and exterior cleaner.



#### PACKING

500ml, 1 ltr  
& 5 ltr

### APPLICATION

- Flamed & honed Granite
- Sanded Grout
- Concrete & masonry
- Porcelain & Quarry Tile
- Ceramic & Vitrified tiles
- Not for acid sensitive surfaces

### NOTE

- It is recommended to test apply on a small area of actual surface and make sure that the product is not harming the surface.
- Repeated acid washing may harm glossiness of the surface.
- Do not use ADHCrete G-C Heavy Duty on acid sensitive stones eg. Polished marble, limestone, etc.





## ADHCRETE WALLPUTTY - COARSE FINISH

### PRODUCT DESCRIPTION

ADHCrete Wallputty - Smooth Finish is a high quality product made of white cement, polymer, and biocide powder. To be mixed with water at the time of application it is recommended for levelling uneven rough porous cement walls, plaster work, patching cracks and filling defective surfaces. With ease of application, it provides smooth finish for top coat application. Wall Putty is recommended for both interiors and exteriors.

#### PACKING

1 kg, 5 kg,  
20 kg & 40 kg



### APPLICATION

It is recommended for use on all type of plaster and concrete to make uneven surfaces to an even and smooth surface.

### ADVANTAGES

1. Easy to apply
2. Anti-fungal
3. Water resistant
4. Decreases paint consumption
5. Smoothens the wall with excellent finish
6. Good compressive and tensile strength
7. Complies with national and international standards

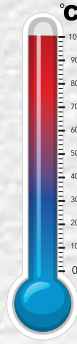
### COVERAGE

Approximately 4 to 10 sq.ft per kg for 2 coats with a maximum thickness 3 mm

### LIMITATION

- Do not directly apply on dust, oil, grease and loosely bond particles and the like.
- Do not apply on fungus or moss affected area.
- Structure must be two coated cement sand smooth plaster, structurally sound and stable.

## ADHCRETE WALLPUTTY - COARSE FINISH



### Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life: 8 months (if it is stored in a cool, dry place in original pack)
- Water demand: 4.5 to 6 litres for 20 kg powder

\*Specifications are subject to change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual field performance may vary on site condition and method of installation. Company is not liable if the product fails to produce the declared result at the site.

## INSTALLATION INSTRUCTIONS

### SURFACE PREPARATION

Surface must be clean, free from dust, grease, oil, heavy soot, chalk, mildew and the like. Chalk joints and fill holes where necessary. All old loose, flaking or peeling paint must be removed.

### MIXING

The standard mixing ratio is 4.5 to 6 litres water for 20 kg powder. Pour clean water in the mixing container first, then add ADHCRETE Wallputty. For best result, mix with mixing paddle and 1/2" heavy-duty drill. Mix with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed putty to slake for 5 to 8 minutes. Remix again for 2 minutes and apply with the recommended putty blade.

### APPLICATION PROCEDURE

Apply one coat of the above paste onto the substrate with the trowel. The thickness allowed in one coat application is 3 mm to 5 mm. Ensure that the second coat application is be done after the first coat is totally dried. The second coat can be done with either ADHCRETE Fine Putty or ADHCRETE Coarse Putty. Always prepare a required quantity of putty paste and use it within 2.5 - 3.5 hours

## ADHCRETE WALLPUTTY - SMOOTH FINISH

### PRODUCT DESCRIPTION

ADHCrete Wallputty - Smooth Finish is a high quality made of white cement, polymer, and biocide powder. To be mixed with water at the time of application. The product is recommended for levelling uneven rough porous cement walls, plaster work, patching cracks and filling defective surfaces. With ease of application, it provides smooth finish for top coat application. Wall Putty is recommended for both interior and exterior.



### PACKING

1 kg, 5 kg,  
20 kg & 40 kg

### APPLICATION

It is recommended for use on all type of plaster and concrete to make uneven surfaces to even and smooth surface

### ADVANTAGES

1. Easy to apply
2. Anti-fungal
3. Water resistant
4. Decreases paint consumption
5. Smoothens the wall with excellent finish
6. Good compressive and tensile strength
7. Complies with national and international standards

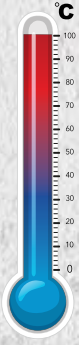
### COVERAGE

The product approximately covers an 18 sq.ft to 20 sq.ft area per 1 kg for 2 coats with maximum thickness of 1.5 mm.

### LIMITATION

- Do not directly apply on dust, oil, grease and loosely bond particles and the like.
- Do not apply on fungus or moss affected area.
- Structure must be two coated cement sand smooth plaster, structurally sound and stable.

# WALLPUTTY



## Technical Data and Application Properties at 73°F (23°C) and 50% relative humidity

- Shelf Life: 8 months (if it is stored in a cool, dry place in original pack)
- Water demand: 6 to 7 litres for 20 kg powder
- Initial set: Approximately 240 min
- Final set: Approximately 390 min
- Pot Life: Approximately 3 to 4 hours
- Tensile Strength : >1.2 mpa
- Compressive Strength (28 days) : >8 mpa

## INSTALLATION INSTRUCTIONS

### SURFACE PREPARATION

Surface must be clean, free from dust, grease, oil, heavy soot, chalk, mildew and the like. Chalk joints and fill holes where necessary. All old loose, flaking or peeling paint must be removed.

### MIXING

The standard mixing ratio is 300 to 350 gm water for 1 kg powder. Pour clean water in the mixing container first, then add ADHCRETE Wall Putty. For best results, mix with mixing paddle and 1/2" heavy —duty drill. Mix with hand or slow speed mixer until a homogeneous lump free paste is obtained. Allow the properly mixed putty to slake for 5 to 8 minutes. Remix again for 2 minutes and apply with the recommended putty blade.

### APPLICATION PROCEDURE

Apply two coat of paste on to the substrate with putty blade. Check if the first coat is fully cured or not before applying the second coat. Total thickness of the two coats is 1.5 mm.



## ADHCrete WALL PUTTY

**FINISH/SHEEN :**  
**ADHCrete PUTTY-LOOKS GOOD WORKS BETTER**

Wall Putty is used as filter or sealant on walls to cover unevenness and pinholes. It provides a smooth base for the paint and lends strength to the wall. New welcome to the new-age putty that only caters to your demand for top quantity but also offers the advantage of ADHCrete on your ADHCrete Wall Putty! ADHCrete Wall Putty is manufactured using cutting edge US technology. The special process makes sure the Putty is absolutely dry after application, which enables the wall paint to dazzle in its original, 'Just as you selected' shade, a blend of white cement, polymers and minerals. ADHCrete Wall Putty protects and smoothness walls, and is effective on all types of cementitious surfaces. Pure white in colour, its strong adhesive properties ensure a powerful bond between the base and the paint, making it ideal sub-surface for all interior and exterior walls.

**PACKING:** 40 kg

### SMART FEATURES

-  True Colour Technology
-  Truest White Putty
-  Greater Resistance to water
-  Perfect bonding with the Substract
-  Ultra Smooth Finish
-  Quick, Easy Application







## ADH Paint PRIMER (Exterior)

**FINISH/SHEEN: Hi Rich Finish**

USES: Exterior Primer has been manufactured for above grade masonry surfaces where a high performance primer is needed. It is efflorescent and alkali resistant and will increase and reinforce the performance of the paints. It can be used on properly prepared concrete, concrete block, brick and stucco.

PACKING: 1, 4, 10, 20 ltr.



### FEATURES

- ✔ Smoothest Matt Finish
- ✔ Burnish Resistance
- ✔ Excellent Dirt Resistance
- ✔ Surface Protector
- ✔ Softness Like Real Silk

## ADH Paint PRIMER

**FINISH/SHEEN: Flat Rich Gloss Finish**

USES: Interior Water Base Primer is fast drying & provides excellent hiding, holdout and spatter less application. Recommended for interior dry wall, plaster & masonry surface. It can be used for priming new or previously painted interior cementitious surfaces. It is efflorescent and alkali resistant and increases the performance of emulsion paints.

PACKING: 1, 4, 10, 20 ltr.



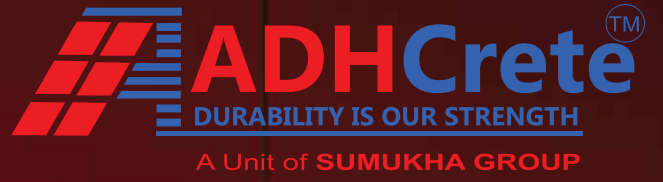
### FEATURES

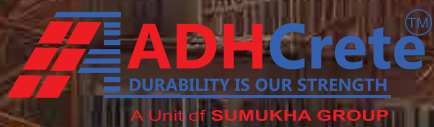
- ✔ Anti Chalking
- ✔ Enhances Top Coat Finish
- ✔ Excellent Adhesion
- ✔ 2 in 1
- ✔ Opacity And Whiteness





Customer Care: +91 88844 34971  
Email: adhcrete@gmail.com





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