





THE 25 YEAR ASTRAL JOURNEY



1996

• Inception of Astral



 Astral introduced CPVC pipes in Indian market



2016 •

 Enters billion-dollar market cap of India's fortune 500 companies



2014

- Acquired Seal It Limited, UK
- Acquired Resinova Chemie Ltd.
- Roped in Salman Khan as brand ambassador for pipes division



 Commenced the operations of Seal It Limited plant in the USA



2022 -

- Amalgamation of "Resinova Chemie Ltd" with Astral Ltd
- Astral enters faucets and sanitaryware segment
- Astral enters paints segment by acquiring a controlling stake in Gem Paints
- Roped in Allu Arjun for pipes division to strengthen brand recall in south indian markets
- Bondtite wins the esteemed Superbrand award
- Launch of Bondtite Quick instant adhesives
- Launch of Bondtite PVA adhesive for woodworking



- Acquired water tank business
- Roped in Ranveer Singh as brand ambassador for pipes division

2021

- · Launched Bondtite Pro
- Introduced India's first anti-viral water tanks-Cleo & Vito



2023 ----

Launch of Astral TruBuild
 Advanced Waterproofing range in its refreshed identity



Astral TruBuild: Elevating Excellence in Indian Construction Sector

Innovation drives Astral's journey in the Building Materials industry. A symbol of trust, we have contributed to the real estate sector in the past 25 years with our pioneering products and services.

TruBuild, an Astral legacy, specializes in the waterproofing, tiling, and grouting sectors

Water seepage harms the structure of any construction as it leads to mold formation and internal damage. As a result, increasing cost. Moreover, below-par tile solutions result in gaps, leakage, compromising appeal and hygiene. Our comprehensive product range can overcome both problems and ensure safety and aesthetics.

Astral TruBuild: Your Quality Symbol

From waterproofing to tiling, our products are truly built to perform. Our advanced waterproofing range ensures endurance and safeguards surfaces at every part of the construction, while our tile adhesives and grouting solutions offer firm bonds and beauty.

For structures that stand the test of time, choose Astral TruBuild.

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• TRUBUILD Tile Grout
TRUBUILD SFEG SHADE CARD20

PRODUCT CLASSIFICATION



TA 110 TYPE 1



TA 220 TYPE 1 (T1T)





TA 220 PLUS | GREY & WHITE TYPE 2 (T2T)



TA 330 | GREY & WHITE **TYPE 3 (T3T)**



TA 660 | GREY & WHITE **TYPE 4 (T4TS1)**







EFX 666 TYPE 5 (T5S2)



STAIN FREE EPOXY GROUT (SFEG)



TA 660

20 kg

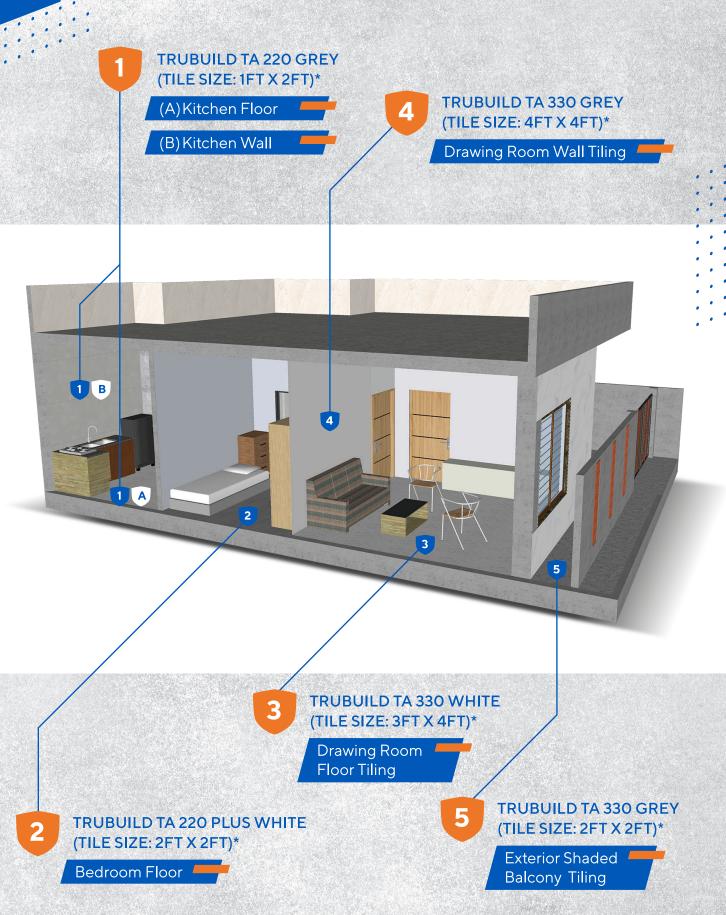
TILE GROUT

INNOVATIONS IN TILE FIXING PROCESS SPEARHEADED BY DESIGN EXPERTS

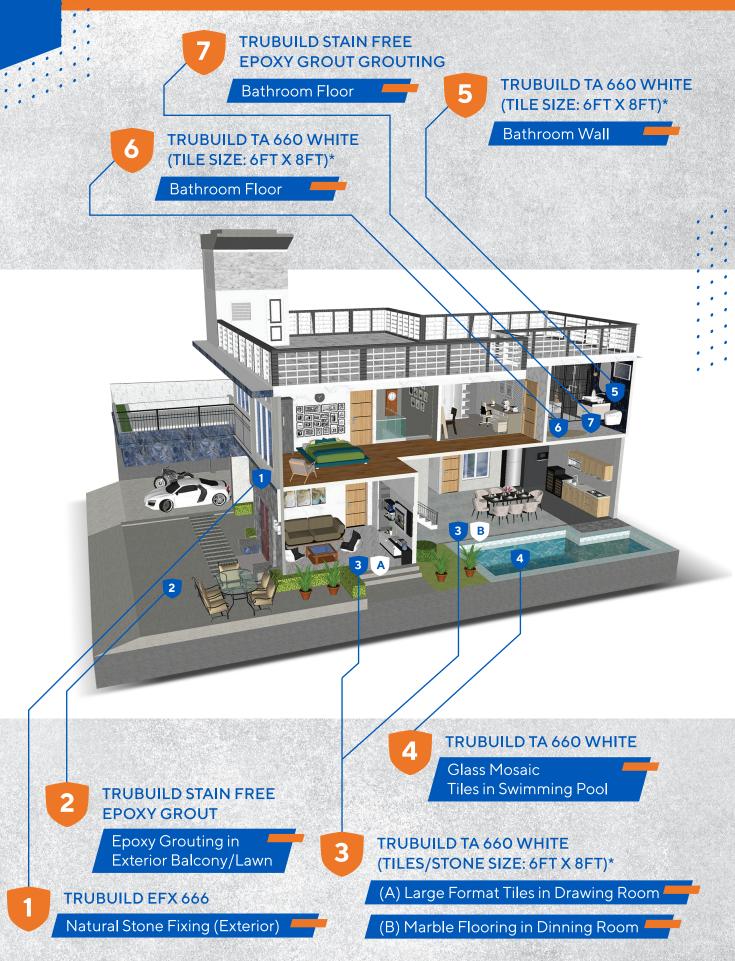
ADVANCEMENT IN TECHNICAL STANDARDS

O	LD	NEW						
	ANDARDS 7:2004	INDIAN STANDARDS IS15477:2019						
		Type I (T1)	Type II (T2)	Type III (T3)	Type IV (T4)	Type V (T5)		
		Standards evolved a	s per new trends in	tiles and applications				
		ISO 13	EN 12004/ 007 STANI	C/R 1/	C/R 1/2 T E S1/2			
Type I (T1)	Type II (T2)	TYPE		CLASSES		PECIAL CTERISTICS		
		C = Cement	itious 1 =	Normal performance	E = Ex	p-resistant tended		
		R = Resinous	2 =	= Improved performance	S1 = De	en time eformable 5-5 mm)		
					de	S2 = Highly deformable (> 5 mm)		

1 BHK HOUSE



PREMIUM BUNGLOW





USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior only	Cementitious substrate	Ceramic, Non-Vitrified, Porous Stones	Dry	Small Format Tiles	NA

CONFORMS TO 15477 - 2004	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N)	SHEAR ADHESION (kN)
Type-1	20 kg	Grey	Approx. 50-65 sq.ft/ 20 kg	3 mm	Dry condition 1020	Dry condition





5-5.2 L per bag

COLOUR

WATER MIXING





SETTIME

INDOOR





ADHESIVE

Tile on Tile

APPLICATION

USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior only	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/ fully vitrified & stone tiles etc.	Dry	Large Format Tiles	NA
Wall	Interior only	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/ fully vitrified & stone tiles etc.	Dry	Small Format Tiles	Upto 8 Feet

CONFORMS TO IS: 15477:2019	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N/mm²)	SHEAR ADHESION (N/mm²)
Type-1 T	20 kg	Grey	Approx. 50-65 sq. ft./ 20 kg	3 mm	Dry condition -0.62	Dry condition -1.07





COLOUR

4.2-4.4 L per bag WATER MIXING



SETTIME

INDOOR & OUTDOOR



Type 2-T2T(E)

ADHESIVE

USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior/ Exterior under shade	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, large format vitrified/ fully vitrified tiles, glass mosaic tiles, terrazzo, all stones	Dry and Wet	Large Format Tiles	NA
Wall	Interior only	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, large format vitrified/ fully vitrified tiles, glass mosaic tiles, terrazzo, all stones	Dry and Wet	Large Format Tiles	Upto 8 Feet

CONFORMS TO IS: 15477:2019	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N/mm²)	SHEAR ADHESION (N/mm²)
Type-2 T	20 kg	Grey	Approx. 50-65 sq. ft./ 20 kg	3 mm	Dry condition-1.17, Wet condition-1.08	Dry condition-1.39, Wet condition-1.11, Heat condition-1.42





COLOUR



SETTIME



WATER MIXING



INDOOR & OUTDOOR





USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior / Exterior under shade	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, large format vitrified/ fully vitrified tiles, glass mosaic tiles, terrazzo, all stones	Dry and Wet	Large Format Tiles	NA
Wall	Interior only	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, large format vitrified/ fully vitrified tiles, glass mosaic tiles, terrazzo, all stones	Dry and Wet	Large Format Tiles	Upto 8 Feet

CONFORMS TO IS: 15477:2019	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N/mm²)	SHEAR ADHESION (N/mm²)
Type-2 T	20 kg	White	Approx. 50-65 sq. ft./ 20 kg	3 mm	Dry condition-1.22, Wet condition -1.12	Dry condition -1.42, Wet condition-1.18, Heat condition-1.46





4.2-4.4 L per bag WATER

COLOUR

MIXING

24_{hrs} **SETTIME**

INDOOR & **OUTDOOR**





ADHESIVE

USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior / Exterior	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/fully vitrified tiles, glass mosaic tiles, terrazzo, basalt, porcelain tiles & other stones	Dry and Wet	Large Format Tiles	NA
Wall	Interior / Exterior	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/fully vitrified tiles, glass mosaic tiles, terrazzo, basalt, porcelain tiles & other stones	Dry and Wet	Large Format Tiles	Upto 10 Feet

CONFORMS TO IS: 15477:2019	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N/mm²)	SHEAR ADHESION (N/mm²)
Type-3 T	20 kg	Grey	Approx. 50-65 sq. ft./ 20 kg	3 mm	Dry condition-1.56, Wet condition -1.21	Dry condition -1.64, Wet condition-1.19, Heat condition-1.61





COLOUR



SETTIME



WATER **MIXING**



INDOOR & **OUTDOOR**





ADHESIVE

USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior / Exterior	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/fully vitrified tiles, glass mosaic tiles, terrazzo, basalt, porcelain tiles & other stones	Dry and Wet	Large Format Tiles	NA
Wall	Interior / Exterior	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/fully vitrified tiles, glass mosaic tiles, terrazzo, basalt, porcelain tiles & other stones	terracotta, brick, d/fully vitrified tiles, Dry and s, terrazzo, basalt, Wet		Upto 10 Feet

CONFORMS TO IS: 15477:2019	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N/mm²)	SHEAR ADHESION (N/mm²)
Type-3 T	20 kg	White	Approx. 50-65 sq. ft./ 20 kg	3 mm	Dry condition-1.74, Wet condition -1.32	Dry condition -1.71, Wet condition-1.36, Heat condition-1.75





COLOUR



WATER MIXING



SETTIME







ADHESIVE

USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior / Exterior	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/fully vitrified tiles, glass mosaic tiles, terrazzo, basalt, porcelain tiles & other stones	Dry and Wet	Large Format Tiles	NA
Wall	Interior / Exterior	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/fully vitrified tiles, glass mosaic tiles, terrazzo, basalt, porcelain tiles & other stones	racotta, brick, fully vitrified tiles, terrazzo, basalt,		10 Feet and Above

CONFORMS TO IS: 15477:2019	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N/mm²)	SHEAR ADHESION (N/mm²)
Type-4 T S1	20 kg	Grey	Approx. 50-65 sq. ft./ 20 kg	3 mm	Dry condition-1.59, Wet condition-1.26	Dry condition-1.69, Wet condition-1.29, Heat condition-1.59





COLOUR





SETTIME







ADHESIVE

USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior / Exterior	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/fully vitrified tiles, glass mosaic tiles, terrazzo, basalt, porcelain tiles & other stones	guarry tiles, vitrified/fully vitrified tiles, Dry and glass mosaic tiles, terrazzo, basalt, Wet		NA
Wall	Interior / Exterior	Cementitious substrate	Ceramic, clay, terracotta, brick, quarry tiles, vitrified/fully vitrified tiles, glass mosaic tiles, terrazzo, basalt, porcelain tiles & other stones	lay, terracotta, brick, trified/fully vitrified tiles, tiles, terrazzo, basalt,		10 Feet and Above

CONFORMS TO IS: 15477:2019	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N/mm²)	SHEAR ADHESION (N/mm²)
Type-4 T S1	20 kg	White	Approx. 50-65 sq. ft./ 20 kg	3 mm	Dry condition-1.79, Wet condition-1.36	Dry condition-1.74, Wet condition-1.39, Heat condition-1.78

TRUBUILD EFX666

EPOXY ADHESIVE



HIGH COVERAGE



VERSATILE



SHATTER-PROOF



IDEAL FOR DRYWALLS, METAL & PLYWOOD



INTERIOR & EXTERIOR APPLICATIONS



USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES	REGION (DRY/WET)	MAXIMUM SIZE OF TILES CAN BE FIXED	MAXIMUM HEIGHT OF WALL TO FIX TILES
Floor	Interior / Exterior	Metal, dry walls, wood, glass, cementitious surface like plaster, RCC etc.	Ceramic, procelein, marble, natural stone, clinker bricks, glass & ceramic mosaic, granite, recomposed materials & wood, metals, rubber and linoleum etc.	Dry and Wet	Very Large Format Tiles	NA
Wall	Interior / Exterior	Metal, dry walls, wood, glass, cementitious surface like plaster, RCC etc.	Ceramic, procelein, marble, natural stone, clinker bricks, glass & ceramic mosaic, granite, recomposed materials & wood, metals, rubber and linoleum etc.	Dry and Wet	Very Large Format Tiles	Any Height

CONFORMS TO IS: 15477:2019 EN: 12004:2017	PACK SIZES	COLOURS AVAILABLE	COVERAGE	MINIMUM BED THICKNESS REQUIRED	TENSILE ADHESION (N/mm²)	SHEAR ADHESION (N/mm²)
Type-5 T S2 & R2T	4 kg	White	Approx. 2-4 kg/m²	1.5 mm, 3mm	Dry condition-2.5	Dry condition-6, Wet condition-5, Heat condition-6

TRUBUILD STAIN FREE EPOXY GROUT

EPOXY GROUT



STAIN-FREE & EASILY CLEANED



NON-CRACKING OR POWDERING



RESISTANT TO MILD CHEMICALS & ACIDS



AVAILABLE IN A RANGE OF ATTRACTIVE COLORS



USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES/STONES	REGION (DRY/WET)	MAXIMUM WIDTH OF TILE JOINT CAN BE FILLED	CAN BE USED IN VIBRATION AREA
Floor	Kitchen, bathrooms, swimming pools, wash area, living rooms, parking spaces etc.	Ceramic tile, vitrified tiles and stones joints etc	Ceramic tile, vitrified tiles and stones joints etc	Dry and Wet	12 mm	NA

SPECIFICATION FOLLOWED	PACK SIZES	COLOURS AVAILABLE	MIXING RATIO FOR MATTE FINISH	MIXING RATIO FOR GLOSSY FINISH	COVERAGE	TENSILE ADHESION AS PER ISO 13007 (N/mm²)
ANSI 118.3:1999/ EN 13888:2009 & ISO 13007:2015	5 kg &1 kg	36 Vibrant Shades	For 1 kg pack: Resin-180 gm, Hardener-70 gm, Filler-750 gm. For 5 kg pack: Resin-900 gm, Hardener-350 gm, Filler-3750 gm	For 1 kg pack: Resin-180 gm, Hardener-70 gm, Filler-550 gm. For 5 kg pack: Resin-900 gm, Hardener-350 gm, Filler-2750 gm	Depends upon the width of tile joints & size of tiles	Dry condition-65.2

TRUBUILD TILE GROUT

POLYMERIC CEMENT BASED TILE GROUT



WATER MIXING RATIO (BY WEIGHT)



ECONOMICAL



UNIFORM COLOUR



INDOOR & OUTDOOR



USAGE DETAILS

TYPE OF USAGE	AREA OF USAGE	TYPE OF SUBSTRATE	TYPE OF TILES/STONES	REGION (DRY/WET)	CAN BE USED IN VIBRATION AREA
Floor & wall	Cementitious tile grout	Ceramic tiles, vitrified tiles and stones etc.	Ceramic tiles, vitrified tiles and stones etc.	Dry and Wet	NA

PACK SIZES	COLOURS AVAILABLE	COVERAGE	MIXING RATIO
500 gm box, 1 kg box & 1 kg pouch	In various colours	Approx. 2.52 kg/ m² for tile dimension length 25 mm, breadth 25 mm, thickness of tiles 6 mm & width of groove size 3 mm	2.5:1, by weight (powder to water)



STAIN FREE EPOXY GROUT MATT & GLOSSY FINISH

SHADE OPTIONS

COLOR NAME	COLOUR TONE			
WHITE				
ANTIQUE WHITE				
GREY				
PLATINUM GREY				
STERLING SILVER				
CEMENT				
SANDSTONE				
МОСНА				
COPPER BROWN				
MUSHROOM				
MOLTEN BRONZE				
YELLOW				
YELLOW ROSE (BASIC)				
CHROME YELLOW				
ENGRASS				
MILD GREEN				
MENTA				
WHISPERING GREEN				

COLOR NAME	COLOUR TONE
LIGHT GREEN	
SETERN	
ALPINO	
DARK GREEN	
DEEP LINE	
BABY PINK	
BURGANDY	
METAALE	
RED	
TERRA RED	
BLUE	
ALPINE BLUE	
DEEP DESIRE	
DARK BLUE	
PURPLE RAIN	
FANCY COCOA	
RAVEN	
BLACK	



Trubuild Stain Free Epoxy Tile Grout is a 3 component pre-packed epoxy grout specially designed for grouting of ceramic tiles, vitrified tiles and stones where staining is expected. It provides a stain-free, chemical resistant, hard wearing tile joint.

Surface Preparation

- 1. Remove dust, oil, debris & sealer from the joints with the help of wire brush or air blower.
- 2. Clean the tile surface with a damp sponge to remove dirt, dust, adhesive & stains.

How to Mix

- 1. Take Part-A & Part-B in a suitable container & mix well with a trowel or a slow drill mixer.
- 2. Add Part-C powder slowly to get uniform consistency. Mix till workable stiffness is formed.
- 3. Use a hard rubber grout float to compact grout into joints, ensuring that they are completely filled.
- 4. Work in small areas and remove excess materials from tile surface. Strike off excess materials diagonally to the grout lines.
- 5. Plug open-ended joints with the stiffer mix to prevent any slumping of the grout.

Coverage

CONSUMPTION OF EPOXY BASED TILE GROUT IN (kg/m²)										
TILE DIMENSION (mm)		MIX DENSITY OF TILE GROUT->1.6 kg/litre								
L(mm)	B(mm)	T(mm)	JOINT SIZE - J(mm)							
			2 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
25	25	6	1.54	2.30	3.07	3.84	4.61	6.14	7.68	9.22
25	50	6	1.15	1.73	2.30	2.88	3.46	4.61	5.76	6.91
50	50	6	0.77	1.15	1.54	1.92	2.30	3.07	3.84	4.61
100	100	6	0.38	0.58	0.77	0.96	1.15	1.54	1.92	2.30
100	100	10	0.64	0.96	1.28	1.60	1.92	2.56	3.20	3.84
300	200	6	0.16	0.24	0.32	0.40	0.48	0.64	0.80	0.96
300	300	6	0.13	0.19	0.26	0.32	0.38	0.51	0.64	0.77
450	300	6	0.11	0.16	0.21	0.27	0.32	0.43	0.53	0.64
600	300	6	0.10	0.14	0.19	0.24	0.29	0.38	0.48	0.58
600	600	8	0.09	0.13	0.17	0.21	0.26	0.34	0.43	0.51
800	800	8	0.06	0.10	0.13	0.16	0.19	0.26	0.32	0.38
1000	1000	10	0.06	0.10	0.13	0.16	0.19	0.26	0.32	0.38
1200	600	10	0.08	0.12	0.16	0.20	0.24	0.32	0.40	0.48
1200	800	10	0.07	0.10	0.13	0.17	0.20	0.27	0.33	0.40
1200	1200	12	0.06	0.10	0.13	0.16	0.19	0.26	0.32	0.38
1600	800	12	0.07	0.11	0.14	0.18	0.22	0.29	0.36	0.43
1800	1200	12	0.05	0.08	0.11	0.13	0.16	0.21	0.27	0.32

The quantities shown are approximate and are given for estimating purposes only. Actual job site coverage may vary from site to site.

Note: It is always good practice when calculating coverage to allow for 10% additional, material for waste and spillage.

TIP TIP NAHI TRU BUILD

ADVANCED WATERPROOFING

TILING & GROUTING

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