

# TRUBUILD TILE GROUT

Polymeric Cement Based Tile Grout



## TECHNICAL DATA SHEET VER NO.1.1

TRUBUILD TILE GROUT is a polymeric cement based tile grout which is specially designed to create non-shrink, waterproof tile joints. It can be used for grouting of ceramic, mosaic, natural stone marble, etc.



### ADVANTAGES



- Ready-to-use and only onsite mixing with water is required
- Can be used for filling up to 5 mm grout width
- It gives non shrink, water & UV resistant grouting results
- Can be used for both interior & external applications
- Available in various colours

### AREA OF APPLICATIONS



#### APPLICATIONS

- It is used in grouting all types of ceramic tiles, marbles & natural stones for internal & external area.
- Due to its water-repellent property, it can be used for submerged grouting applications bathrooms, toilets, kitchen, fountains & swimming pools.

### AVAILABLE PACKING



1 kg pouch



1 kg, 500 gm box

### HOW TO USE

1. Remove dust, oil and sealer from the joints with the help of wire brush or air blower.
2. For exterior grouting application, wet the tiles before application of tile grout.
3. For mixing, first take required amount of water (2.5 parts of powder should be added with 1 part of water by weight) in the mixing tub and then slowly add Trubuild Tile Adhesive Powder to water and mix continuously with mechanical mixture to make lump free soft and smooth mortar consistency.
4. Apply the mixed material on the surface joints within 30 minutes from the time of mixing of water. Ensure that the joints are completely filled.
5. Further wait for 45 min and remove/clean excess material from the tiles with the help of a moist, soft cloth or a sponge wetted with water followed by cleaning of the tiles with soft and dry cotton cloth.

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TECHNICAL DATA SHEET  
VER NO.11

## TECHNICAL DETAILS

PROPERTIES	RESULTS
Mixing ratio	By weight approx. 2.5: 1 (powder:water)
Mix density	1.75±0.02
Open time	Approx. 30 minutes at 25°C
Setting time	Approx. 8 hrs at 25°C
Trafficable time	24 hrs (max.)
Curing time	14 days at 30°C
Compressive strength	Approx. 16 N/mm <sup>2</sup> (after 28 days)
Shear strength	6-8 KN
Flexural strength	3.0 N/mm <sup>2</sup> (after 28 days)

## COVERAGE

CONSUMPTION OF CEMENT BASED TILE GROUT IN (kg/m <sup>2</sup> )						
TILE DIMENTION (mm)			MIX DENSITY OF TILE GROUT-> 1.75 kg/litre			
L(mm)	B(mm)	T(mm)	JOINT SIZE - J(mm)			
			2mm	3mm	4mm	5mm
25	25	6	1.68	2.52	3.36	4.20
25	50	6	1.26	1.89	2.52	3.15
50	50	6	0.84	1.26	1.68	2.10
100	100	6	0.42	0.63	0.84	1.05
100	100	10	0.70	1.05	1.40	1.75
300	200	6	0.18	0.26	0.35	0.44
300	300	6	0.14	0.21	0.28	0.35
450	300	6	0.12	0.18	0.23	0.29
600	300	6	0.11	0.16	0.21	0.26
600	600	8	0.09	0.14	0.19	0.23
800	800	8	0.07	0.11	0.14	0.18
1000	1000	10	0.07	0.11	0.14	0.18
1200	600	10	0.09	0.13	0.18	0.22
1200	800	10	0.07	0.11	0.15	0.18
1200	1200	12	0.07	0.11	0.14	0.18
1600	800	12	0.08	0.12	0.16	0.20
1800	1200	12	0.06	0.09	0.12	0.15

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## ADDITIONAL INFORMATION

### RESTRICTIONS ON USE

- Precaution should be taken to avoid staining when grouting is done with a coloured grout .
- Avoid mixing excess of water.

### HANDLING PRECAUTIONS

Provide adequate ventilation in the application area. Use rubber hand gloves & safety goggles. In case of contact with skin, wash with plenty of water. If irritation occurs then consult with doctor immediately. Keep it out of reach from children.

### SHELF LIFE

12 months if in its unopened sealed original packaging in a strictly dry and cool storage place.

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