

TRUBUILD TILE GROUT

TECHNICAL DATA SHEET
VER NO. 1.5



Polymeric Cement Based Tile Grout

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

APPLICATIONS

- It is use for grouting all types of ceramic tiles, marbles & natural stones for internal & external area.
- Due to water-repellence it can be used for submerged grouting application's bathrooms, toilets, kitchen, fountains & swimming pool.

ADVANTAGES

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

RESTRICTIONS ON USE

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

HOW TO USE

- Remove dust, oil and sealer from the joints with the help of wire brush or air blower.
- For exterior grouting application, wet the tiles before application of tile grout.
- For Mixing 1st take required amount of water (2.5 Part of Powder Should be added with 1 Part of Water by volume) 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.
- Apply mix material on the surface joints within 30 minutes from the • time of mixing of water. Ensure that joints are completely filled.
- Further wait for 45 min and remove/clean excess material from tiles with the help of moist soft cloth or sponge wetted with water followed by cleaning of tile with soft and dry cotton cloth.

TECHNICAL DETAILS

PROPERTIES	RESULTS
Mixing ratio	By volume 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 ² (after 28 days)
Shear Strength	6-8 KN
Flexural strength	3.0 N/mm ² (after 28 days)

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COVERAGE

CONSUMPTION OF CEMENT BASED TILE GROUT IN (kg/m ²)										
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	6mm	8mm	10mm	12mm
25	25	6	1.68	2.52	3.36	4.20	5.04	6.72	8.40	10.08
25	50	6	1.26	1.89	2.52	3.15	3.78	5.04	6.30	7.56
50	50	6	0.84	1.26	1.68	2.10	2.52	3.36	4.20	5.04
100	100	6	0.42	0.63	0.84	1.05	1.26	1.68	2.10	2.52
100	100	10	0.70	1.05	1.40	1.75	2.10	2.80	3.50	4.20
300	200	6	0.18	0.26	0.35	0.44	0.53	0.70	0.88	1.05
300	300	6	0.14	0.21	0.28	0.35	0.42	0.56	0.70	0.84
450	300	6	0.12	0.18	0.23	0.29	0.35	0.47	0.58	0.70
600	300	6	0.11	0.16	0.21	0.26	0.32	0.42	0.53	0.63
600	600	8	0.09	0.14	0.19	0.23	0.28	0.37	0.47	0.56
800	800	8	0.07	0.11	0.14	0.18	0.21	0.28	0.35	0.42
1000	1000	10	0.07	0.11	0.14	0.18	0.21	0.28	0.35	0.42
1200	600	10	0.09	0.13	0.18	0.22	0.26	0.35	0.44	0.53
1200	800	10	0.07	0.11	0.15	0.18	0.22	0.29	0.36	0.44
1200	1200	12	0.07	0.11	0.14	0.18	0.21	0.28	0.35	0.42
1600	800	12	0.08	0.12	0.16	0.20	0.24	0.32	0.39	0.47
1800	1200	12	0.06	0.09	0.12	0.15	0.18	0.23	0.29	0.35

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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 in unopened sealed original packaging in a strictly dry and cool storage place.

PACKING

500 gm Box, 1 kg Box & 1 kg Pouch

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