

STYLO CEM

Polymeric Cement Based Tile Grout

ASTRAL

TRUBUILD™

TECHNICAL DATA SHEET VER NO. N.1

TRUBUILD STYLO CEM 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.

FEATURES & ADVANTAGES



**WATER MIXING
RATIO (BY WEIGHT)**



UNIFORM COLOUR



ECONOMICAL



**INDOOR &
OUTDOOR**

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

AREAS OF APPLICATION



PACKAGING



- 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.

METHOD OF APPLICATION

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, 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.

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.

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.

TECHNICAL PROPERTIES

S.NO.	PROPERTIES	RESULTS
1.	Mixing ratio	By weight approx. 2.5: 1 (powder:water)
2.	Mix density	1.75 ± 0.02
3.	Open time	Approx. 30 minutes at 25°C
4.	Setting time	Approx. 8 hrs at 25°C
5.	Trafficable time	24 hrs (max.)
6.	Curing time	14 days at 30°C
7.	Compressive strength	Approx. 16 N/mm ² (after 28 days)
8.	Shear strength	6-8 KN
9.	Flexural strength	3.0 N/mm ² (after 28 days)

COVERAGE

CONSUMPTION OF CEMENT BASED TILE GROUT IN (kg/m ²)						
TILE DIMENTION (mm)			MIX DENSITY OF TILE GROUT -> 1.75 kg/litre			
			JOINT SIZE - J(mm)			
L (mm)	B (mm)	T (mm)	2 mm	3 mm	4 mm	5 mm
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

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.

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.

DISCLAIMER: This technical data sheet replaces all previous versions of it from the immediate effect. The information, and, in particular, the recommendations relating to the application and end-use of Astral Ltd, construction chemical products, are given in good faith based on our knowledge and experience of the products when properly stored, handled and applied under suitable favourable conditions in accordance with application instructions recommended in product technical data sheet. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. For the products on which company is offering warranty, please refer to warranty document to know entire terms and conditions. The same can be availed on request or from company website. The values mentioned in the above tables in technical data sheet are obtained in controlled lab conditions when tested properly by competent laboratory. Tolerance up to five to ten percentage on the lower side from the above values are allowable. Astral Ltd. reserves the right to change the properties of its products without notice. The end user of the product must test the product's suitability for the intended application and purpose. Astral Ltd will not bear any responsibilities on the product failure if it is wrongly positioned or if improper application methodology is adopted by the user or the applicator. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product technical data sheet for the product concerned, copies of which will be supplied on request. No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, customer is responsible for determining whether products and the information in this document are appropriate for the customer's use and for ensuring that the customer's workplace, and disposal practices are in compliance with applicable laws and other governmental enactments.