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Firstchoice Speciality Chemicals Pvt. Ltd



FOR INTERNAL
AND EXTERNAL USE



FASTER INSTALLATION



FASTER INSTALLATION
WITH LESS MANPOWER

TILEGLUE SUPER

TECHNICAL DATA SHEET



SIMPLE AND MASON
FRIENDLY MATERIAL



BETTER COVERAGE



ECONOMICAL





TILEGLUE SUPER IS AN ONSITE MIX FOR IMPROVING THE STRENGTH AND WORKABILITY OF CEMENT. DUE TO ITS HIGH WATER RETENTION PROPERTY, WHEN MIXED WITH CEMENT IT ENHANCES THE BONDING STRENGTH OF MIX BY 3 TIMES. IT ALSO PROVIDES BETTER WORKABILITY, SAG RESISTANCE AS WELL AS APPROPRIATE SETTING TIME. JUST 300 GMS OF TILEGLUE SUPER IS SUFFICIENT FOR 50 KG CEMENT BAG.





FEATURES AND BENEFITS

1. EASY TO USE
2. EXCEPTIONAL BONDING WITH SUBSTRATE
3. RECOMMENDED FOR FIXING FLOOR TILES
4. ADHESIVE FOR ON-SITE MORTAR MAKING FOR TILE FIXING



ADVANTAGES

- ANTI-SAG PROPERTIES & HIGH OPEN TIME
- HIGH BOND STRENGTH
- IMPROVES WORKABILITY
- BETTER ADJUSTABILITY TIME
- IMPROVES ADHESION
- NO SHRINKAGE CRACKS
- ZERO WASTAGE
- ECONOMICAL SOLUTION FOR TILE INSTALLATION
- ENVIRONMENTALLY SAFE



STANDARD & COMPLIANCE

TILEGLUE SUPER WHEN MIXED WITH CEMENT & WATER COMPLIES TO REQUIREMENTS OF IS 15477: 2019 TYPE 1
"SPECIFICATION FOR ADHESIVES FOR USE WITH CERAMIC TILES AND MOSAICS."



APPLICATION PROCEDURE

SUBSTRATE PREPARATION

- The substrate must be cured, undamaged, compact, rigid, resistant, dry and free from any debonding agents and from damp rising.
- New concrete slabs shall be damp cured and 28 days old before application which will reduce the shrinkage from tile fixing surface.
- Expansion joints to be provided & filled with suitable sealant.
- Don't cover expansion joints with thin set tile adhesive/ tile.
- Ideally leveling bed / Machan should be prepared using Water: Cement : Sand : Water in the ratio of 0.4 : 1 : 6 (it can vary as per requirement).



COVERAGE

- ONLY 300 GM TO BE MIXED WITH 50 KG BAG OF CEMENT & ADD THIS MIXTURE IN WATER.
- 2-2.5 SQ.FT/1KG FOR 3 MM THICKNESS
- COVERAGE WILL VARY DEPENDING ON THICKNESS OF LEVELING BED AND THE MIX PROPORTION USED TO MAKE THE LEVELING BED.
- SLURRY COVERAGE WOULD DEPEND UPON POROSITY OF SUBSTRATE.



MIXING PROCEDURE

- Tileglue Super to be mixed with cement / cement & sand.
- For Cement- sand bedding (machan), mix 300 gms of Tileglue Super in 1 bag cement (50 Kg) and add this fortified pre-mix (mixer of cement & Tileglue Super) with sand in the ratio 1:6, or any other ratio as per industry best practices.
- Add water to saturate the mix enough and bring to the desired levels and consistency. Water dosage can be decreased / increased depending upon cement and sand available at site to achieve the desired consistency for application.
- For Tile or Stone laying over the Leveling Bed : Mix 300 gms of Tileglue Super in 1 bag cement (50 Kg) and add this fortified pre-mix (mixer of cement & Tileglue Super) with required water. Mix it thoroughly, to make a smooth, flowable, lump free slurry.
- Allow the mix to stand for 2 minutes before using it.



USES

FIXING ALL CERAMIC / VITRIFIED TILES ON CONVENTIONAL MACHAN / LEVELING BED.



TECHNICAL DATA

PACKAGING

Available in 300g pouch

TECHNICAL INFORMATION

APPLICATION PROPERTIES

Testing Properties	Test Results
Appearance/Color	White Powder
Bulk Density	0.75 g/ml
Tentative Mixing Ratio (RTB : Cement)	300 gms for with 50 kg or 1 bag of cement (then mix with desired water)
Open Time	Approx. 20 minutes
Adjustability	Approx. 20 minutes
Application Temperature (Substrates and Materials)	5°C to 35°C
Setting Time/Light Traffic	24 hours
Trafficable/Grouting Time	72 hours

PERFORMANCE PROPERTIES AS PER IS 15477 : 2019 (TYPE 1)

Testing Properties	Requirement as per IS 15477 : 2019 for Type 1	Test Results
a) Tensile Adhesion Dry Condition	$\geq 0.5 \text{ N/mm}^2$	0.5 - 0.7 N/mm ²
b) Shear Adhesion Dry Condition	$\geq 1.0 \text{ N/mm}^2$	1 - 1.3 N/mm ²



PRECAUTIONS & NOTE

- Always mix Tileglue Super & cement dry mix first & then add this fortified mixture in water.
- Do not add excess water after desired consistency.
- Excess dosage of Tileglue Super will increase the setting time & take more time to cure.
- Not to be used on pre-set screed.
- Protect from direct rainfall/ foot traffic for at least 24 hours. It can be extended to 72 hours as per site condition & dosage of Tileglue Super.
- Leave gap between the tile & fill gaps with .FCSC tile grout.



SAFETY 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. Limited to professional use only.

For more details please refer the relevant Material Safety Data Sheet, available on request.



CUSTOMER CARE

For any suggestion or concern, please mail to support@fcsc.co.in

For any other product related queries please contact **+91 33 3500 0230**



Scan the QR code to know more about our other products



Factory Address :

Ahmedabad-

Moraiya, Changodar, Bavla Highway, PS: Changodar, District- Ahmedabad, Gujarat, PIN- 382213.

Singur-

Shyam Business Park, Durgapur Express way, Dist - Singur, West Bengal, Pin - 712306

Office Address :

"SHRACHI TOWERS"

3rd Floor, 686, Anandpur, E. M. Bypass,

Kolkata - 700 107.

www.fcsc.co.in

Helpline no : 3335000230

Disclaimer

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