

Teknobond 220

Stone and Marble Glue



Product Description	Teknobond 220 is a two component unsaturated polyester resin based quick drying adhesive system specially formulated for fixing Marble / granite to each other & along with bolts to fix the Marble vertically on exteriors of big buildings.
Uses	<p>Teknobond 220 is most suitable for repairs, marble/ granite artifacts for e.g,</p> <ul style="list-style-type: none">• Monuments & Souvenirs making• Pillar work• Arches in villas – Inside / outside• Marble upon marble fixing• Repair work of marble filling pores/cracks in italian marble• In hotel projects – plywood to marble joints• Used along with bolts to fix marble vertically on the exteriors of big buildings
Features and Benefits	<ul style="list-style-type: none">• Teknobond 220 has strong binding power, fast hardening, easy to spread, very good polishing & homogeneous color.• Teknobond 220 has pot life of 3-4 mins, handling time achieved in 10-15 mins & curing achieved in 2-3 hrs,• Teknobond 220 increases the output by achieving handling strength in 30 mins.• Teknobond 220 can be polished for glossy finish similar to the surface applied.
Preparation of Substrate	<p>Surface Preparation: Remove the loose and weak layer on the marble, granite and concrete surface, using a wire brush.</p> <p>Preparation of Mix & Application of Glue: Stir the Resin in the container to make it homogeneous in case of any phase separation or soft settling. 3% by weight of Hardener is to be mixed with the Resin. If the weather temperature is high lesser (1-2%) of Hardener will suffice. Take a clean Plastic or Metal plate and a flexible putty spreader for mixing. Scoop out requisite quantity of Resin on to the mixing plate. Take out appropriate quantity of Hardener. Blend the hardener into the putty thoroughly, using the putty spreader. This shall be achieved within a minute. Immediately apply the mix on the marble and press the marble on to the concrete surface to achieve the bond</p> <p>Surface and Environmental Temperature: At least +5°C to +35°C</p>
Application Notes / Limitations	<ul style="list-style-type: none">• It should not be applied under direct sunlight.• It should not be applied under rain.• Keep away from rain etc. until the newly applied material completes its hardening. must be protected against weather conditions.

Technical Data

General Information	
Color	A comp. Biege B comp. White
Density	1,75 ± 0,05 gr/ml
Full Strength	7 days
Adhesion Strength (to Concrete)	> 2 N/mm ²
Hardness (Shore-D) (after 24 hrs)	> 75
Pot life with 3% hardener	2-3 min.
Mix Ratio	% 3 hardener of the resin by wt
Packaging	1200 gr brut weight with hardener
Shelf Life	12 months from date of manufacturing in factory sealed container

