

TectorCeram

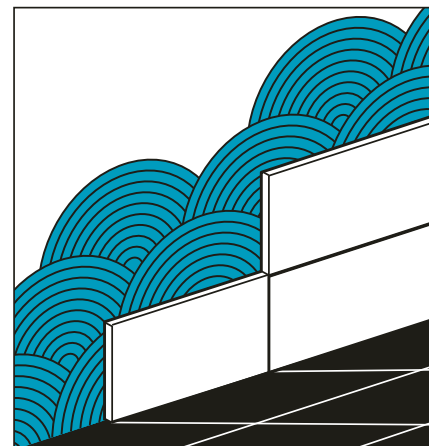
GP Tile Adhesive 300

Description

TectorCeram GP Tile Adhesive is a dry premixed thin bed adhesive mortar for fixing the ceramic tiles on wall and floor in interiors under normal conditions.

Composition

Ordinary Portland cement, hydrated lime, processed mineral fillers / sand and special chemical additives



Features & Benefits

- Excellent adhesion and workability
- Good mechanical properties
- Suitable for fixing all types of ceramic tiles
- Long open time and working time
- More yield and coverage
- Suitable for tile sizes less than 1000cm²

Method of Application

Surface Preparation:

The base on which tiles are to be fixed should be well compacted, properly cured, free from air voids, dimensionally stable, sound plastered, concrete/screed base. Before applying tiles on such base, clean it to remove loose sand/aggregate particles, oil, grease, paint, salt and other contaminants, which may otherwise hamper the adhesiveness of the material. Substrate should be in saturated surface. Dry condition to prevent absorption of water from mortar.

Mixing:

For mixing of adhesive material use specified quantity of clean potable water and mix in a suitable round shaped vessel with electrical stirrer. Take water in the mixing vessel (always a little less than the actual required for the material as per the specified requirement), put the dry mix material in it. Mix slowly first and then vigorously to make a viscous mortar. Add the remaining quantity of the water and mix to make a homogeneous and workable mortar. Leave the mixed material to stand for about 5 - 10 minutes and then mix well again without adding any extra quantity of water.

Application:

Apply the adhesive compounds on the already prepared surface with the help of the smooth side of a serrated trowel. Comb the surface of the adhesive with gentle pressure using the notched trowel with 6X 6mm teeth. Fix the tiles immediately by pressing them firmly in the position with slight sliding and twisting action. For tiles with deep keys or studs on the back, apply adhesive to the back of the tiles to fill the keys or space between studs. The tile should be firmly tempered with wooden handle of trowel or pressed home into wet adhesive to ensure firm bedding. For good results do not spread wet mortar on more than 1 m² area at a time. The process of laying must continue keeping on the top surface of tiles in line and level. Tiles should not be fixed on dry and hard adhesive compounds. During the process of laying the tiles the bed of mortar should not have formed a film on it.

Precautions & Limitations

Application of product should be done according to the procedure mentioned in this product datasheet. Lafarge Emirates Cement will not be held responsible for any claim arising out of non-performance of the product due to incorrect application procedure or usage of product for non-recommended purpose. Please contact Tector technical team for more details.



Technical Information

Properties	Results
Physical State	Premixed granular powder
Binder	Ordinary Portland Cement
Color	Grey
Size of aggregate	0 – 0.4 mm
Density	Dry – 1.3kg / ltr, Wet – 1.73 kg / ltr
Water requirement	25%
Approximate / coverage	6.25 m ² per 25 kg bag at 3mm thickness
Open time, Working time	Approx. 25 minutes, > 60 minutes
Pull off strength	1.4 N / mm ² at 14 days
Compressive strength	16.0 N / mm ² at 28 days
Flexural strength	5.0 N / mm ² at 28 days
Packing	25 kg paper bag
Storage & Shelf life	6 months from the date of manufacturing, when stored under dry conditions
Applicable standards	BS 5262, 5492, 4551, DIN 1168 / 2, 18850 / 1, ASTM C 348, 349, C109/CM-01



Health & Safety Precautions

The product contains Portland cement, which after mixing with water becomes strongly alkaline and may cause skin irritation if exposed to such condition for a long time. Avoid inhalation of dust and in case of contact with eyes and skin, wash with plenty of clean water and take medical help if required. Work in well-ventilated condition and use protective kits such as mask, glove and spectacles. Keep the material out of the reach of children.

The above technical data are based on controlled laboratory conditions. However, there may be some variation in yield and coverage depending on the ambient weather and site conditions.



Wear gloves



Wear goggles and respirator mask



Do not swallow, do not inhale



GHS05



GHS07



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