

ADHESIVE MORTAR FOR TILES（C2）

HIGH POLYMER MODIFIED TILE FIXING MORTAR FOR INTERNAL & EXTERNAL VERTICAL APPLICATION

乐通彩业
LE TONG CAI TRADE

ADHESIVE MORTAR FOR TILES（C2） is a new modern decoration material used for pasting decorative materials such as tiles , face tiles , and floor tiles .

01 ADVANTAGES

■ Strong adhesion, not prone to hollowing
■ Low viscosity
■ Smooth coating and scraping construction
■ High Thixotropy, no slip on the wall of large heavy tiles
■ High flexibility and toughness, suitable for shrinkage deformation of different base surfaces

02 USAGE

■ Can be directly applied to concrete, cement plaster, concrete board, plastered brick surface, and cement-based waterproof coating
■ Suitable for pasting decorative tiles with a water absorption rate of>0.5% and a size of<400x800mm on indoor walls

Paste various types and oversized large ceramic tiles, rock slabs, thin plates, etc. on common indoor and outdoor cement substrates; Paste new bricks on the old brick surface; Indoor and outdoor paste natural stone and Terrazzo, etc.

03 METHOD OF USE

SURFACE PREPARATION

1. All surfaces should be flat, solid, clean, free from hollowing, oil stains, wax stains, release agents, and other loose materials. After the completion of the concrete surface, it should be cured for at least 28 days before laying;
2. The newly plastered surface should be cured for at least 7 days before laying;
3. Old concrete and plastered surfaces can be cleaned with industrial detergents or degreasing agents, and then washed clean with a high-pressure tap.
4. The surface can be dried for 24 hours before laying bricks;
5. Remove the residue on the concrete surface, especially the residual release agent on the concrete slab;
6. On substrates with high water absorption or in high temperature and dry environments, it is best to wet the base surface to a dry and wet state before construction.

MIXING AND APPLICATION

1. Pour the rock board adhesive powder into clean water and stir it into a paste shape. Be sure to add water first before pouring the powder. Use an electric mixer when stirring.
2. The mixing ratio is 20 kilograms of powder: 4.8 kilograms of water
3. The water powder should be thoroughly mixed and completely free of any dough. After mixing, it should be allowed to stand still for about 5 minutes and then stirred again before use, which can increase the bonding strength
4. Use a toothed scraper to apply the adhesive onto the working surface, evenly distribute it and form a toothed pattern. Then, press the ceramic tile onto it during the drying time
5. When selecting the size of the toothed scraper, consideration should be given to the flatness of the working surface and the degree of concavity and convexity on the back of the ceramic tile
6. If the groove gap on the back of the ceramic tile is deep or the stone or ceramic tile is large and heavy, double-sided adhesive should be applied, that is, the adhesive should be applied



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on both the working surface and the back of the ceramic tile simultaneously

04 TECHNICAL PERFORMANCE INDICATORS

tensile bond strength	Standard state	1. 5
	Immersion treatment	1. 2
	Heat aging treatment	1. 1
	Freeze thaw cycle treatment	1. 2
	After drying for 20 mins	0. 7

05 NOTE

1.When pasting small-sized ceramic tiles, it is recommended to use a 6X6 (mm) toothed scraper; When pasting large-sized ceramic tiles, it is recommended to use a 10x10 (mm) or 12x12 (mm) toothed scraper
2. The construction temperature is 5-35 ℃;
3. The best mixing effect is achieved by using an electric mixer;
4. The water powder ratio can be adjusted appropriately due to differences in substrate, weather, construction conditions, etc;
5. When constructing on rainy days, it is necessary to take protective measures to cover the grass and ensure that the construction area is not soaked by rainwater within 24 hours after tiling;
6. The adhesive should be used within 2 hours according to weather conditions;
7. Do not mix the dried adhesive with water before reuse;After the laying of bricks is completed, the next joint filling process can only be carried out after the adhesive has completely dried (about 24 hours)
9. The scraping of the rock board adhesive should be uniform and fully applied, and the thickness of the bonding layer should be about half the height of the tooth pitch of the tooth scraper used
10. Do not add cement, sand, etc.to the tile adhesive,as it seriously affects the quality

06 PACKING

25KG

07 PRODUCT SHELF LIFE

Shelf life:6 months in sealed bags if stored in dry conditions.

08 HEALTH & SAFETY

Avoid contact with skin for prolonged period . Any contact with eye, wash immediately with plenty of water and seek medical attention .

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