



HOLOUL FACTORY

FOR CEMENT PRODUCTS

**TWO COMPONENTS HIGH
PERFORMANCE RAPID SETTING**

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TWO COMPONENTS HIGH PERFORMANCE RAPID SETTING PRE-MIX EX1003

PRODUCT:

PRE-MIX EX1003 is a two-component cement-based polymer modified, flexible, rapid setting, waterproof... tile adhesive for internal & external use. PRE-MIX EX1003 is a rapid setting tile adhesive that maintains superior workability and bonding strength especially formulated for use with thin and large format tiles

PRE-MIX EX1003 exceeds standard requirements EN12004 and is classified as C2TES1.

→ PRE-MIX EX1003 is S1 deformable according to standard EN 12002 with ability to perform in extended open time conditions "E".

The particular flexibility of PRE-MIX EX1003 along with a high mortar transformation capability will insure durable bonding in internal and external environments with a wide range of tiles and where exposure to thermal and dimensional variations are expected.

SCOPE OF USE :

Applicable tile types include:

- Thin and large format tile.
- Agglomerated tiles (composite tiles).
- Full body & vitrified porcelain tiles (glazed or unglazed) .
- Ceramic.
- Porcelain.
- Marble.
- Sandstone.
- Mosaics

Applicable substrates include:

- Concrete.
- Lightweight blocks.
- Stone walls (cleaned and prepared).
- Cement-based plaster and renders.
- Gypsum boards.
- Wood agglomerates.
- Over existing tiles (after preparation).
- Cement Boards (Priming with →col prime) Over difficult substrates such as gypsum, wood..., primer is required, consult Holoul Factory for advice

Applicable conditions include:

- Where thermal and dimensional variations are expected.
- In vibrating areas.
- For external & internal waterproof tiling.
- Where resistance to chemical aggression is required.

Applicable cases include:

- Heated floors.
- Swimming pools.
- Bathrooms.
- Stairs.
- Balconies.
- Hospitals
- Terraces.
- Facades.
- Rooms.
- Parking.
- Public showers.
- Subways

CHARACTERISTICS	
Appearance	Powder + Liquid
Powder composition	Cement (ASTM C150), fillers-sand and admixtures
Liquid composition	Resins (polymer additives) and admixtures
Color	Grey
Density	1.52 kg/lit. \pm 0.05
Open Time	30 min. at °20C
Pot Life	1 hrs at °20C
Setting Time (hours)	Initial set: \pm 4h Final set: 5h to 6h
Drying time before traffic	24 hrs at °20C
Mixing Ratio	Mix pre-packed liquid with powder
Coverage	Notched trowel 6 by 6 mm = $3 \pm$ kg/m ² 2 by 8 mm = $5 \pm$ Kg/m ²



INSTRUCTIONS FOR USE

SURFACE PREPARATION:

Surface must be clean, sound, and free from greasy matters and dust. Substrate should have been sufficiently cured in a way that any shrinkage has already occurred. Moisten slightly the substrate if it is dry at the time of application, never moisten the tiles.

PRODUCT PREPARATION:

Mix the two components of PRE-MIX EX1003 by pouring the powder in the liquid + 1.5 ltr and progressively while stirring the liquid. An electric mixer with low rotation speed (< 300 rpm) can be used. Mix until a uniform lump free paste is obtained. Let the paste rest for a few minutes before starting the application.

PRODUCT APPLICATION:

Apply PRE-MIX EX1003 evenly on the substrate. Use a notched trowel to have a uniform thickness of 2 to 3 mm minimum. Apply the tiles on the substrate and press them firmly, while making sure that the paste does not slip from the tile sides. PRE-MIX EX1003 can also be applied on the back of tiles to ensure full adhesion on the entire surface.



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