

F1-188

FOR APPLICATION OF TILE ADHESIVE

Description:

Obaproof F1-188 Tile Adhesive is a C2TE high performance cementitious tile adhesive designed for superior bonding of ceramic, porcelain and homogenous tiles to floors and walls.

Tools Required:

Low Speed Drill Mixer

Notched trowel & other tile laying finishing tools

Surface Preparation:

Make sure the substrate is clean, structurally sound, adequately levelled to achieve specified tolerances (maximum 3mm when measured with 2m straightedge), free from contamination, loose particles, grease or traces of foreign materials, and protrusions such as wood peels, nails, excess mortar or any joints with tolerance that cannot be covered by the thickness of plaster.

Substrate should be well-cured (bricks/block/concrete substrate – 28 days minimum; cement render substrate – 7 days minimum) and should not be subjected to shrinkage.

Mixing:

Obaproof F1-188 Tile Adhesive / bag : 5.5L clean water

Stir with a low speed mixer until a consistent creamy paste is achieved.

Application:

Before application, thoroughly damp the surface with clean water and allow excess water to drain away. Apply directly with notched trowel onto substrate over an area that can be tiled within 30 minutes in normal temperature and humidity. Unfavorable weather such as strong sunshine, low humidity, high wind speed, or highly absorbed substrate will decrease the open time for a few minutes.

The application thickness and notch size for different tile size are recommended as follow:

Tile Size (mm x mm x mm)	Recommend Notch Size (mm x mm)	Back Buttering Thickness (mm)	Total Thickness (mm)
45 x 45 x 6	6x6	Nil	2.5
95 x 45 x 6	6x6	Nil	2.5
100 x 100 x 7	6x6	Nil	2.5
200 x 200 x 7	6x6	1	3.5
300 x 300 x 10	6x6	2	4.5
600 x 300 x 10	10 x 10	2	6

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Any applied adhesive that has exceeded the open time of 30 minutes should be scraped off and fresh tile adhesive to be re-applied. Do not use water to wet the substrate surface again; it will form a very weak and non-adhesive layer. Tiles should be clean and the back of the tile should be free from dust and powder. Pre-soaking of tiles in water is not required.

The thickness of the tile adhesive can vary from 3 mm to 7 mm depending on types of tile used. Back-buttering the large sized tile is highly recommended. Firmly press the tiles onto the substrate and immediately knock the tile into position when the mortar is still tacky.

It is good practice to verify if the tile adhesive has more than 75% contact on the back of the tile; it can be checked occasionally by taking out the tile just after tiling. Make any necessary adjustment within 10 minutes.

Cleaning:

Clean all tools immediately after use with water. Hardened material can only be mechanically removed.

Safety:

Wear gloves and goggles during application. If in contact with eyes or mucous membrane, flush immediately with plenty of water and seek medical attention without delay.

Note:

This is a general method statement and therefore specific conditions of use cannot be anticipated. It is the specialist applicator's responsibility to review the actual site conditions and specify detailing requirements.