



# CMI MULTIFIX 188



## DESCRIPTION

CMI MultiFix 188 is an environmentally friendly polymer modified water-resistant cement-based tile adhesive for fixing ceramic glazed tiles, homogenous vitrified tiles and stones for both floors and walls for internal applications. It can also be used for external areas when mixed with CMI Mortar Admix 380. It is classified as C2E in accordance to EN12004.

## USES

Fixing of ceramic tiles, glass mosaic, stones onto concrete slab, screed / render, RC walls, blockwall. For other areas not specified, please consult CMI Technical Representatives for more information.

## TECHNICAL DATA

Appearance	: Grey / White Powder
Bond Strength @ 28 days	: $\geq 0.5 \text{ N/mm}^2$
Open Time	: 20 minutes (depending on ambient temperature or conditions)
Wet Density	: 1400 - 1450 $\text{kg/m}^3$
Dry Density	: 1250 - 1300 $\text{kg/m}^3$
Pot Life @ 30°C	: Approx. 1-1.5 hours
Mixing Ratio	: Approx. 24% water on dry material

## SURFACE PREPARATION

All surfaces must be sound, clean and free from dirt, dust, grease and other contaminants which will inhibit proper bonding. Damp the substrate for dry, heated or high absorbing substrates prior to application of CMI MultiFix 188.

## MIXING

Add 25 kg bag of CMI MultiFix 188 to approximately 6.0 - 6.5 litres of clean water (Do not add cement into the mixture). Mix thoroughly for 3-5 minutes using mechanical mixer until the homogenous paste is achieved and lump-free. Allow mixture to stand for 5 minutes and re-stir before use. Re-mix if the mixture is left unattended for more than 30 minutes.

## APPLICATION

- Soaking of tiles in water is unnecessary. However, if the backs are dusty, they should be wiped with clean damp cloth.
- Spread the adhesive onto substrate using notched trowel not more than 1 sq m at a time or at arm's length. The suitability of notched trowels depends on size of tiles.
- Press tiles firmly into position immediately with a twisting action.
- The open time in normal temperature and humidity is 20 minutes. However in unfavorable weather conditions e.g. strong sun, windy, high temperature, or highly absorbent substrates may shorten the open time to just few minutes. Touch adhesive ribs periodically and if a skin has formed, re-trowel the adhesive to break the skin.
- Lift tiles occasionally to check that adequate contact between tile & adhesive bed is maintained and that there are no hollows areas.
- Leave minimum joints of 2mm for wall tiling & 3mm for floor tiling.
- Remove surplus adhesive from tile surface & joints with a damp cloth.
- Allow 24 hours drying time before grouting.

## COVERAGE

Approx. 2.5 -3.0  $\text{kg/m}^2$  at 3 mm bed thickness  
Approx. 5.0 - 6.0  $\text{kg/m}^2$  at 6 mm bed thickness  
Approx. 10.0 - 11.0  $\text{kg/m}^2$  at 10 mm bed thickness

## PACKAGING

Available in 25 kg bag

## SHELF LIFE & STORAGE

Six (6) months when stored in cool and dry condition in its original packing.



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"Eco-Friendly Building Material"

## CMI CONSTRUCTION MATERIAL INDUSTRY SDN BHD (422636-D)

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## Delivering Dry-Mix Solutions

Remark: The information provided on this data sheet is not intended to be complete and is provided as general advise only. It is the user's responsibility to ensure that the product is suitable for its intended purpose. As we have no control over the treatment of the product, the standard of surface preparation, or other factors, we are not responsible for any damages or injury, including but not limited to special or consequential damages which may result from the use of our products, which includes any damages or injury caused by any failure of performance. The information contained in this data sheet may be modified by us from time to time, without any notice arising from our continuous product development activities.