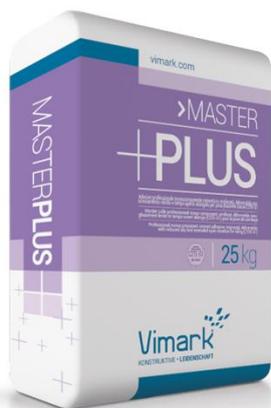




Improved professional single component deformable cement adhesive with reduced slip and extended open duration for tiling

C2TE-S1



konstruktive • Leidenschaft



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PRODUCT DESCRIPTION

MASTERPLUS is a single component professional cement based adhesive of a powder form in white or grey. Improved, deformable and with reduced slip and extended open duration for tiling on both internal or external floors and walls. The adhesive is suitable for fixing vitrified porcelain, cotto, clinker and vitreous mosaic etc. and for the laying of large or overlapping tiles.

COMPOSITION

MASTERPLUS is a special formula consisting of high resistance cements and synthetic resins to increase adherence to surfaces and flexibility, using selected aggregates and other specific additives to improve application, deformation, avoiding vertical sliding of tiles and with extend opening time.

MIXING AND APPLICATION

MASTERPLUS is applied to conventional cement plaster, premixed cement plaster, cement screeds, also where underfloor heating is installed, existing surfaces clad in tiles, slabs and natural stone or cured concrete.

Before applying the adhesive **MASTERPLUS**, make sure that the surfaces are stable, clean and dry, free from oil or grease and that they are flat and normally absorbent. On gypsum based plaster and/ or anhydrite screeds apply a coat of **PRIMER ACRILICO** at least 4 hours before applying the adhesive. Proceed with the same treatment on old, peeling or inconsistent cement plaster.

For laying ceramic tiles on existing floors, spread a layer of **MICROGRIP** primer 2 hours before applying the cement adhesive to the new floor.

Pour a 25 kg bag of **MASTERPLUS** in about 8.0-8.5 litres of clean water and mix at a low rate with an electric cement mixer until a smooth, lump-free mixture has formed. Allow the mixture to rest for about 10 minutes, then stir again briefly before use. Spread the product using a serrated trowel to a maximum thickness of 10 mm. Apply first a thin layer to the area to be covered using the smooth side of trowel, proceed to apply thickness to the adhesive using serrated side.

Apply the product leaving a gap of at least 2 mm between one tile and the next. Apply pressure on the tiles in order to obtain a more complete surface contact as possible between the tiles, adhesive and surface. Make sure that during application a surface film does not form on the adhesive applied. This occurs mainly when product is applied at high temperatures or in the presence of strong wind, preventing perfect adhesion between the adhesive and the tile: in this case it is advisable to remove the adhesive applied and if necessary to use "fresh" product.

Wait at least 8 hours before grouting joints on walls, at least 24 hours before grouting floor joints with **JOINTFIX**.

INDICATIVE AMOUNTS REQUIRED

Vitreous mosaic and small size: 2.0 kg per m².

Normal size: 2.5-3.5 kg per m².

Large size: 4.0-5.0 kg per m².

COLOUR

White.

Grey.





PACKAGING

25 kg bags on disposable 1575 kg pallet (63 bags) protected by waterproof plastic wrap.

STORAGE

12 months in original intact packaging and stored in a dry place.

RECOMMENDATIONS

Avoid applying with temperatures below + 5°C or above + 35°C.
 Avoid applying to surfaces that are dusty, unstable or inconsistent.
 Do not apply to surfaces that are frozen, thawing or if freezing temperatures are expected within 24 hours.
 Do not apply adhesive thickness greater than 10 mm.
 Apply tiles on fresh adhesive using a serrated trowel appropriate to the size of the floor.
 Apply a double layer of adhesive for external use.
 Do not use on surfaces that are too large to avoid exceeding the open duration time.

PRODUCT DATA

<i>Appearance</i>	powder
<i>Colour</i>	white or grey
<i>Dry bulk density</i>	~ 1100 kg/m ³
<i>Maximum aggregate size</i>	≤ 0,6 mm

APPLICATION DATA

<i>Water content of mixture</i>	32-34%	
<i>Mixing ratio</i>	1 bag + 8.0-8.5 ℓ of water	
<i>Minimum application temperature</i>	+ 5 °C	
<i>Maximum application temperature</i>	+ 35 °C	
<i>Maximum thickness of application</i>	10 mm	
<i>Open time</i>	≥ 30 minutes	EN 1346
<i>Adjustability time</i>	≥ 30 minutes	
<i>Ready to walk on</i>	≥ 24 hours	
<i>Ready for grouting on wall</i>	≥ 8 hours	
<i>Ready for grouting on floor</i>	≥ 24 hours	
<i>Ready for use</i>	≥ 7 days	

PERFORMANCE DATA

<i>Reaction to fire</i>	F Class	EN 13501-10
<i>Early tensile adhesion strength</i>	NPD	EN 1348
<i>Initial tensile adhesion strength</i>	≥ 1.0 N/mm ²	EN 1348
<i>Tensile adhesion strength after heat ageing</i>	≥ 1.0 N/mm ²	EN 1348
<i>Tensile adhesion strength after water immersion</i>	≥ 1.0 N/mm ²	EN 1348
<i>Tensile adhesion strength after freeze-thaw cycles</i>	≥ 1.0 N/mm ²	EN 1348
<i>Release of dangerous substances</i>	See MSDS	EN 12004

ACCORDING TO



EN 12004
Improved cement adhesive, deformable with reduced slip and extended open duration for internal and external tiling C2-TE-S1



EN ISO 16000-9
A+ CLASS





REMARKS

Product for professional use. The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site www.vimark.com.



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