



TECHNICAL DATA SHEET
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MAXISTONE C2FT RAPIDO

FAST SETTING TILE ADHESIVE

Improved professional single component cement adhesive with fast setting and reduced slip for tiling.

MAXISTONE C2FT RAPIDO is a single component professional cement based adhesive of a powder form available in white. It is improved with reduced slip and rapid setting in class C2FT, according to EN 12004, for laying ceramic tiles and stone materials on flooring and cladding both internally and externally. The product is suitable for adhering tiles in rooms with light traffic, bathrooms, showers, kitchens, non-absorbent flooring also overlay, laying marble or stone materials also of light colour, and in all cases where a fast job is required such as in public places, supermarkets, hospitals, exhibition galleries. The adhesive is suitable for laying tiles in vitrified materials, porcelain stoneware, cotto, clinker, glass mosaic, etc. and for the laying large size material or overlaying.

Composition

MAXISTONE C2FT RAPIDO is a special formula consisting of high resistance hydraulic binders, synthetic resins to increase adherence to surfaces and flexibility, selected aggregates and other specific additives to improve application and avoid vertical tile sliding. SUBSTRATES MAXISTONE C2FT RAPIDO 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 C2FT RAPIDO, 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 MAXIGRIP PLUS primer 2 hours before applying the cement adhesive to the new floor.

Mixing and application

Add a 25 kg bag of MAXISTONE C2FT RAPIDO to about 6.5 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 2-3 minutes, then stir again briefly before use. The mixed product is usable for about 15-20 minutes. Adverse environmental conditions could reduce the pot life of the product (e.g. high surface absorption, application in high temperatures, etc.). Apply 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 adhesive thickness using serrated side. The coating on the back of the tiles must be at least equal to 60-70% of the area to cover or interior walls of civilian use and of 100% for outdoor applications or for flooring designated for heavy traffic. When applying tiles with ridges in the back (dovetail) or large format (longest side exceeding 60 cm or with equal size above 30 x 30 cm) apply the adhesive to fully cover the back with the double spreading method. For applying tiles using levelling spacers apply the adhesive to fully cover the back with the double spreading method. Apply the product leaving a gap of at least 3 mm between each tile. Apply pressure on the tiles in order to obtain the most 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 2-3 hours before grouting joints with FUGAPRIM 26 FUGAMAX 220. The finished surface can be lightly walked on after 2-3 hours of application and can be opened to full use after 24 hours.

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MADE IN ITALY 



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. Protect adhered surfaces from rain and sunlight for at least 24 hours after laying. Do not apply an adhesive thickness greater than 10 mm. Apply tiles on fresh adhesive using a serrated trowel appropriate to the size of the floor. Do not use on surfaces that are too large to avoid exceeding the open duration time. Do not wet or moisten the adhesive applied to increase working time.

Chemical characteristics

Appearance	Powder
Colour	White or grey
Working time	~ 15 minutes
Dry bulk density	~ 1050 kg/m ³
Maximum aggregate size	≤ 0.5 mm
Water content of mixture	26%
Mixing ratio	1 bag + 6,5 ℓ of water
Minimum application temperature	+ 5°C
Maximum application temperature	+ 35°C
Maximum thickness of application	10 mm
Ready to walk on	2-3 hours
Ready for grouting on wall	2-3 hours
Ready for grouting on floor	2-3 hours
Ready for use	≥ 24 hours
Reaction to fire	F Class EN 13501-10
Slip	0.3 mm EN 1308
Early tensile adhesion strength	0.7 N/mm ² after 6 hours NPD EN 1348
Initial tensile adhesion strength	2.0 N/mm ² EN 1348
Tensile adhesion strength after heat ageing	2.2 N/mm ² EN 1348
Tensile adhesion strength after water immersion	1.1 N/mm ² EN 1348
Tensile adhesion strength after freeze-thaw cycles	2.0 N/mm ² EN 1348
Release of dangerous substances	See MSDS
Certification 	EN 12004 Improved cement adhesive with reduced slip and extended open duration for internal and external tiling C2T
LEED	Approved
Shelf life	12 months from production date in its original packaging (unopened container) between 5° and 30° C in a cool dry place.
* indicative values, depending on the nature of the material and environmental conditions	



Coverage

Vitreous mosaic and small sizes tiles : 2-3 kg per m².
Normal size tiles: 4-5 kg per m² .
Large size tiles: 6-7 kg per m² .



Storage

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



Packing

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

Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place.
MSDS is available on our web site www.primaxbuild.it

Trademark and Origin of the good

PRIMAX[®] is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product MAXISTONE C2 FT RAPIDO is MADE IN ITALY.

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