



Professional single component cement adhesive, with reduced slip and extended open time for tiling C1TE

DESCRIPTION

DRYLEX TILE 180 is a single component professional cement based adhesive of a powder form in white or grey, with reduced slip and extended open duration for laying tiles of ceramic or stone on both indoor or outdoor floors and walls. The adhesive is suitable for laying ceramic tiles of vitrified porcelain, single and doublefired, clinker and for the laying of small materials on mineral or cement based surfaces.

COMPOSITION

DRYLEX TILE 180 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, avoiding vertical sliding of tiles and extend opening time.

MIXING AND APPLICATION

DRYLEX TILE 180 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 DRYLEX TILE 180, 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 Duracryl Primer at least 4 hours before applying the adhesive. Proceed with the same treatment on old, peeling or inconsistent cement plaster. Pour a 20 kg bag of DRYLEX TILE 180 in about 4,8 - 5,5 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 DRYLEX ultradur/ultradur cr.

COLOUR

White. Grey.

PACKAGING

20 kg bags

STORAGE

24 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

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

PERFORMANCE DATA

Reaction to fire	F Class EN 13501-10
Early tensile adhesion strength	NPD EN 1348
Initial tensile adhesion strength	≥ 1.0 N/mm ² EN 1348
Tensile adhesion strength after heat ageing	≥ 1,0 N/mm ² EN 1348
Tensile adhesion strength after water immersion	≥ 1,0 N/mm ² EN 1348
Tensile adhesion strength after freeze - thaw cycles	≥ 1,0 N/mm ² EN 1348

APPLICATION DATA

Water content of mixture	28%
Mixing ratio	1 bag + 7.0 l of water
Minimum application temperature	+ 5 °C
Maximum application temperature	+ 35 °C
Maximum thickness of application	10 mm
Open time	≥ 30 minutes EN 1346
Adjustability time	≥ 40 minutes
Ready to walk on	≥ 24 hours
Ready for grouting on wall	≥ 8 hours
Ready for grouting on floor	≥ 24 hours
Ready for use	≥ 7 days

ACCORDING TO

EN 12004 Normal setting cementitious adhesive with reduced slip and extended open time for internal and external tiling (C1TE)