



DRYLEX
New Generation Solutions

**DRYLEX
DURABOND**
TECHNICAL DATA SHEET



High performance flexible water resistant porcelain tile and granite tile adhesive

PRODUCT DESCRIPTION

DRYLEX DURABOND 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

DRYLEX 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

DRYLEX DURABOND 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 DURABOND, 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. 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 20 kg bag of DRYLEX DURABOND in about 4,5 - 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 20 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 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

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by agel chemicals

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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	~ 1400 kg/m ³
Maximum aggregate size	≤ 0,8 mm

APPLICATION DATA

Mixing ratio	1 bag + 4,5 - 5.5 of water	
Minimum application temperature	+ 5 °C	
Maximum application temperature	+ 35 °C	
Maximum thickness of application	20 mm	
Open time	≥ 30 minutes	EN 1346
Adjustability time	≥ 30 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	

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	1,7 N/mm ²	EN 1348
Tensile adhesion strength after freeze-thaw cycles	2,4 N/mm ²	EN 1348
Release of dangerous substances	See MSDS	EN 12004

ACCORDING TO

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

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