



Technical Data Sheet



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UltraForce Wall Tile Adhesive



CHARACTERISTICS

- Waterproof
- Non-Slip
- Fixes tiles up to 600 x 300mm
- Easy to apply
- Porcelain, Ceramic & Natural Stone
- Tile over existing tiles
- Lifetime Guarantee

APPLICATION FIELD

A ready mixed, thin bed wall tile adhesive, suitable for fixing porcelain, ceramic, and natural stone wall tiles to most rigid interior wall surfaces such as plaster, concrete, wood, paint, brick, and plasterboard.

UniBond UltraForce Wall Tile Adhesive may be used for damp or wet service conditions such as shower walls

COMPLIANCE WITH STANDARDS

UniBond UltraForce Wall Tile Adhesive conforms to the performance requirements of BS EN 12004-1:2017 (*Adhesives for ceramic tiles – Requirements, assessment, and verification of constancy of performance, classification and marking*) – Type D2TE (*Improved dispersion tile adhesive with reduced slip and extended open time for interior wall tiling*)

See Declaration of Performance for further information.



TECHNICAL DATA

Composition: A filled acrylic copolymer emulsion
Appearance: Beige paste.
Cure type: Water evaporation
Odour: Slight odour whilst drying.
Density: (g/cm²) 1.6
pH: Typically 7.5 - 9.0
Viscosity: Typically 20,000 - 40,000 poise
Application temperature range: From +5°C to +35°C
Coverage: approx. 11m²/13.8kg, 5.5m²/6.9kg
Slip: <0.5mm
Shelf life: At least 24 months in original sealed packaging.

Composition and properties of the mixture at 23°C and 50% R.H.

Open time: Approximately 30 minutes.
Time before grouting: At least 24 hours.
Thermal: Suitable for service temperature up to 70°C.
Fire: Class F.

DECLARED PERFORMANCE

Essential characteristic	Performance	Harmonised technical specification
Bond strength as		EN 12004:2017-1
Initial shear adhesion strength	≥ 1 N/mm ²	
Durability of bond strength as:		
Shear adhesion strength after heat ageing	≥ 1 N/mm ²	
Shear adhesion strength after water immersion	≥ 0.5 N/mm ²	
Shear adhesion strength at elevated temperatures	≥ 1 N/mm ²	
Open time: Tensile adhesion strength after not less than 30 min.	≥ 0.5 N/mm ²	
Slip	≤ 0.5 mm	
Reaction to fire	Class F	
Release of dangerous substances	See MSDS	



LIMITATIONS

This is a thin bed adhesive. Do not apply more than 3mm bed.

Only for use with porcelain, ceramic and natural stone wall tiles that are not subject to staining.

Pre-test on semi-translucent and porous natural stone tiles to ensure suitability

Dries by water evaporation, either the wall or the back of the tile must be porous.

Maximum tiles size is 300mm x 600mm on porous backgrounds. Note that battens may be required and, drying time will be extended

IMPORTANT - Do not apply large tiles to painted walls.

Only suitable for tiling over existing tiles with ceramic tiles of sizes up to 300mm x 300mm.

For interior use only. Not suitable for areas of constant immersion or permanent damp.

If in doubt, contact our technical helpline for further assistance.

STORAGE

Store in cool dry conditions. Protect from frost. Shelf life is at least 24 months in original sealed packaging.

HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available to download from mymds.henkel.com.

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