



Technical Data Sheet



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Ultraforce Wall Tile Adhesive & Grout (Tube)



CHARACTERISTICS

- Ready to use wall tile adhesive and grout
- Waterproof
- Reduced slip
- Fixes tiles up to 600 x 300mm
- Easy to apply
- For fixing and grouting porcelain, glazed ceramic and mosaic tiles
- Triple Protection mould resistance – Repels, prevents, lasts
- Lifetime guarantee

APPLICATION FIELD

A mould resistant, ready mixed thin-bed tile adhesive for the interior fixing of porcelain, glazed ceramic and mosaic wall tiles. Also suitable for grouting the tile joints after fixing (up to 8mm joint width). Special features include reduced slip and an enhanced mould protect system. Suitable for fixing tiles to most common interior wall surfaces including plaster, concrete, secured wood, emulsion paint, plasterboard etc.

COMPLIANCE WITH STANDARDS

UniBond Ultraforce Wall Tile Adhesive & Grout 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)

Henkel Limited is certified by DQS (Certificate Registration number : 003052 QM/UM) as a company operating a Quality Management System to BS EN ISO 9001:2000, BS EN 14001 and OHSAS 18001.



TECHNICAL DATA

Composition: A filled acrylic copolymer emulsion, with fungicide added.
Appearance: White or Grey paste.
Cure type: Water evaporation
Odour: Slight odour whilst drying.
Density: (g/cm³) 1.5
pH: Typically 7.5 - 9.0
Viscosity: Typically 20,000 - 40,000 poise
Application temperature range: From +5°C to +35°C
Coverage: approx. 0.5m²
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

Only for use with porcelain, fully glazed ceramic and mosaic wall tiles. Do not use with other tile types such as unglazed, satin, matt or metallic detailed tiles.

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.

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 from date printed on container.

HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available on request.

"The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law."

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