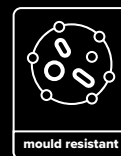


ProSuper White

Highly Flexible Acrylic Wall Tile Adhesive

15kg



Product Selection Guide

Key areas of use:

- ✓ General wall installations
- ✗ General floor installations
- ✓ Interior installations
- ✗ Exterior installations
- ✓ Wet rooms
- ✓ Domestic showers with tray
- ✓ Communal showers
- ✗ Swimming pools
- ✗ Electric matting underfloor heating
- ✗ Piped water underfloor heating
- ✓ Conservatories

Suitable tiles:

- ✓ Ceramic
- ✓ Porcelain*
- ✗ Glass
- ✓ Mosaics
- ✓ Marble*
- ✓ Travertine
- ✓ Granite*
- ✓ Limestone
- ✓ Terracotta*
- ✓ Quarry*
- ✓ Slate*
- ✗ Resin backed
- ✗ Quartz
- ✗ Brick slips

Suitable surfaces & substrates:

- ✓ Concrete
- ✗ Sand/cement screed
- ✓ Tile backer boards
- ✓ Cement faced fibre boards
- ✗ Anhydrite/calcium sulphate/gypsum based screeds
- ✓ Tile on Tile**
- ✓ Firm and stable plaster
- ✓ Plasterboard
- ✓ Sand/cement render
- ✓ Concrete brick/block
- ✗ Hard vinyl tiles
- ✗ Flooring grade asphalt

* With ready mixed tile adhesives it is important to ensure that at least one of the surfaces is porous to allow drying of the adhesive. When using tiles larger than 300mm x 300mm, non-porous tiles like porcelain and glass, drying times will be substantially increased. In these instances we would recommend the use of a cementitious adhesive.

** Existing ceramic, porcelain and natural stone tiles (overlay) known as "Tile on Tile"



TECHNICAL DATASHEET

UltraTile ProSuper White has been specially formulated to provide increased water resistance and is therefore suitable for wall areas with constant wetting i.e. changing rooms, power showers, kitchens and bathrooms, where vibration is also likely. The product contains an antifungal additive, which prevents the build up of mould. **NB:** Porous natural stone tiles need to be checked for compatibility to avoid staining.

SURFACE PREPARATION

Ensure all areas are clean, dry and free from dust or any other contaminating barriers. Remove any flaking or peeling layers. Substrates should be strong enough to support the weight of the adhesive and tiles being fixed (see below for loadings).

Plaster: Tile only onto a finished coat. Leave new plaster for at least 4 weeks in order for it to be strong enough to support the tiling weight. Total weight of the tile and adhesive should not exceed 20kg/m².

Cement/sand Render: Leave new surfaces to dry out for at least 4 weeks before tiling.

Brickwork/Concrete: Leave new surfaces to dry out for at least 4 weeks.

Plasterboard/Fibre Reinforced Cement Sheets: Boards should be braced and screwed horizontally and vertically at 300mm centres. When fixing to plasterboard the total weight of the tile and adhesive should not exceed 32kg/m².

Domestic Showers: Ensure 100% solid bed coverage is achieved. Do not leave voids as this will trap water and cause adhesive failure.

****Tile on Tile:** Will fix porous tiles to existing ceramic tiles. Please note that existing surfaces should be prepared in accordance with our surface preparation guidelines. For best results abrade the surface to form a key. In such instances drying times will be substantially increased due to the low porosity of the substrate.

Timber/Wooden Floors: All chipboard and T&G flooring should be over-boarded using exterior or class 3 type plywood boards or cement backer boards of suitable thickness to remove any deflection. All over-boarding should be dry and conditioned to the environment in which they are to be used. Plywood over-boards should have backs and edges sealed to prevent ingress of moisture and atmospheric humidity. A neat coat of UltraTile ProPrimer should be used to carry out the sealing process prior to installing the boards. The plywood boards should then be positioned, close butted and firmly screwed (not nailed) through the underlying flooring to joists ensuring a max distance between fixings of 300mm centres or less. Plywood and other wood-based sheets or boards should not be used for direct tiling. For tiling onto plywood and other wood-based sheets or boards, an intermediate layer, such as an uncoupling membrane, reinforced tanking system or tile backer board should be used. If using cement backer board to over-board the timber/wood floor, then it should be of flooring grade and of suitable strength for the application to prevent deflection. It should be 6mm minimum thickness. The backer board should be bonded using a minimum classification of S1 type tile adhesive and the original wooden floor should be thoroughly cleaned and free of any surface coating or wood treatment. It should also be primed using a neat coat of UltraTile ProPrimer.

APPLICATION

Apply adhesive to the surface by use of a notched trowel. Bed tiles in firmly with a slight twisting action. Clean off excess adhesive from the tile face with a damp cloth and rake excess from the grout lines before it sets. Leave for a minimum of 18 hours before grouting (on impervious or sealed surfaces a longer amount of time will be required). Do not apply more than 1m² of adhesive before tiling commences, as skinning may occur. If skinning does occur it can affect the bond. Maximum bed thickness is 3mm, achieved by using a 6mm by 6mm notched trowel. Spot bonding is not recommended.

WALL TILING & LOADINGS

Wall types vary considerably but all have the same basic need to be structurally sound, strong, smooth and level. It is essential that the wall to be tiled has sufficient inherent strength to hold the proposed tile and the adhesive being used. The following chart lists maximum national standard loadings for a variety of wall substrates:

LOADINGS	
Gypsum plaster	20kg/m ²
Skimmed plasterboard (gypsum)	32kg/m ²
Plywood (exterior grade)	30kg/m ²
Gypsum fibre boards	40kg/m ²
Cement tile backer boards	40kg/m ²
Glass reinforced cement sheets	50kg/m ²

CLEANING

Tools should be thoroughly cleaned with water to remove excess material immediately after use.

TECHNICAL DATA	
Unit Size:	15kg Buckets
Colours:	Brilliant White
Classification:	EN12004 Class D2TE
Bed Thickness:	3mm
Grout After ¹ :	18 hours (This is not the product's set time)
Coverage:	1.8kg per m ²
Open Time ¹ :	20 Minutes
Adjustment Time ¹ :	20 Minutes
Application Temperatures:	5°C to 25°C

¹Depending on temperatures, substrate, porosity of substrate and tile and site conditions.

POINTS OF NOTE

The curing period for cement based tile adhesives will be affected by extremes in temperature. High temperature site conditions will increase the speed of cure therefore reducing the pot life and set times. Low temperatures will reduce the speed of cure extending the pot life and set times. It is therefore good practice to consider site conditions and storage of materials as essential factors in planning tiling installations.

All UltraTile adhesives are manufactured to meet the performance requirements of BS EN 12004 and the relevant classifications.

UltraTile would always advise that tiling installers follow the guidelines for tiling as laid down in BS EN5385. It is essential that expansion joints are built into the design of the tiling installation in order to prevent tension build up. This is a common occurrence which can result in tiles de-bonding.

Please note that this product uses natural aggregates and other materials that may marginally vary in colour. This does not affect the consistency or characteristics of the product.



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TECHNICAL DATASHEET

STORAGE

This product must be stored in unopened buckets, clear of the ground in dry conditions. Avoid frost. Ideal storage temperatures are between 5°C and 25°C.

SHELF LIFE

Under the above storage conditions this product has a shelf life of 6 months.

HEALTH & SAFETY

Please ensure that appropriate PPE is used when preparing, mixing and applying products. Always wash hands before consuming food and make sure that materials are kept safely out of reach of children and animals. Please dispose of packaging and waste appropriately. A full Material Safety Data Sheet relating to this product is available from ultratileadhesives.co.uk.

QUALITY ASSURANCE

All products are manufactured in a plant whose quality management system is certified / registered as being in conformity with BS EN ISO 9001, ISO 14001 and ISO 45001. UltraTile products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. We cannot however accept responsibility arising from the application or use of our products because we have no direct or continuous control over where and how our products are used. All UltraTile products are sold subject to our terms and conditions of sales, copies of which may be obtained upon request.



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