







SHOWER WHITE

White Water Resistant Wall Tile Adhesive

-  **Bright white**
-  **Non-slip**
-  **Flexible**
-  **Ready mixed**
-  **For power showers**
-  **BS EN 12004 D2**



Norcross Shower White Adhesive is a bright white, flexible, ready mixed dispersion thin bed wall tile adhesive designed for fixing ceramic and porcelain** wall tiles to a variety of substrates. It is highly water resistant and is suitable for internal wall tiling in dry, intermittent and frequently wet areas such as domestic and commercial showers including power showers. It has a long pot life for ease of use and minimal wastage. In normal conditions tiles can be grouted 24 hours after fixing.

**It should be noted that the drying time of the adhesive may be extended when fixing porcelain tiles, grouting should be delayed until the adhesive is fully dry. When fixing porcelain tiles greater than 200mm x 200mm, cement-based adhesives should be used.

N.B. When fixing large format porous body tiles which are 300mm x 400mm or greater, ready mixed dispersion adhesives may never fully dry out, therefore cement-based adhesives, which dry hydraulically, should be used.

Conforms to BS EN 12004 D2

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|------------------------------|---|
| Internal Use | Yes |
| External Use | No |
| Wall Tiling | Yes |
| Floor Tiling | No |
| Cement Sand Render | Yes |
| Existing Glazed Tiles | Yes Drying time will be extended to at least 72 hours |
| Plaster/Plasterboard | Yes |
| Painted Surfaces | Yes Drying time will be extended to at least 72 hours |

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| EN Classification | BS EN 12004 D2 |
| Working Time @ 20°C | 20 to 25 minutes |
| Set Time @ 20°C | 24 hours. This will be extended to at least 72 hours when fixing large format tiles or onto impervious backgrounds such as existing tiles and paint. |
| Bed Thickness | 1mm to 3mm |
| Coverage | Dry Area: Approx. 1.5kg/m ² Wet Areas: Approx. 3kg/m ² |
| Trowels: | |
| Walls - Dry Areas | 6mm round notches |
| Walls - Wet Areas | 10mm tapering notches |
| Walls - Mosaics | 4mm square notches |

SURFACE PREPARATION

All surfaces should be dry, clean and strong enough to support the tiles to be fixed. Tiling substrates should be true and flat to permit fixing without visible lipping of tile edges. Porous or dusty surfaces must be thoroughly dry brushed prior to sealing with Norcross Prime Bond diluted 1:4 with water. In high frequency wet installations such as power showers moisture sensitive backgrounds such as plaster and plywood should be waterproofed using Norcross Wet Seal Tanking Membrane.



Gypsum Plasterboard**

Plasterboard should be rigid and well-braced with all board edges fully supported. Jointing compound at board junctions should be sealed with Norcross Prime Bond.

Gypsum Plaster**

New plaster should be a minimum of 4 weeks old. It must be ensured that the plaster is sound, in good condition and firmly bonded to the background. Tiles should only be fixed to finishing plaster, not to the plaster backing coat. Any loose or hollow sounding areas should be cut out and made good. Where the plaster is dusty or has a shiny finish, it should be thoroughly dry brushed using a stiff bristled brush and the dust wiped from the surface, prior to priming with Norcross Prime Bond diluted 1:4 with water. Allow to dry.

Plywood (Water & Boil Proof WBP Grade)

Plywood sheets should be at least 12.5mm thick to prevent deflection and be screw fixed to the supporting framework at 300mm centres, ensuring that all board edges are fully supported. The sheets must be sealed on the back, face and edges with Norcross Prime Bond. All timber constructions must be adequately ventilated behind to prevent atmospheric moisture distortion and warpage of the boards themselves.

Glazed Surfaces

These must be in good condition, well fixed and able to support the additional weight of tiling, clean, dry and free from grease. It should be noted that impervious backgrounds will increase the drying time of ready mixed adhesives, it must therefore be ensured that the adhesive is fully dried before the commencement of grouting - generally at least 72 hours after fixing although this will be extended at lower temperatures.

Painted Surfaces**

Check that the paint is in good condition, well adhered to the background and is sufficiently strong to hold the weight of the tiled finish. The adhesion of the paint to the background can be tested by firmly pressing some lengths of a good quality self adhesive tape over various areas of the paint. Leave the tape for approximately 10-15 minutes before pulling off the wall. In areas where paint is removed by the tape, the remaining paint should be scraped or sanded away. Do not use chemical paint strippers. Clean the surface of the paint with a good quality alkaline detergent and rinse thoroughly with clean water. Allow to dry.

** See Important Information

APPLICATION

Stir before use. Using a suitably notched trowel spread the adhesive onto the fixing surface to form parallel ribs into which the tiles should be applied with a firm twisting action. Spread only enough material that remains workable and as such fully wets out on the tile backing. Solid-bed void-free fixing will be necessary in wet or high humidity areas. The adhesive is designed for thin bed fixing up to 3mm. Tiles may be grouted as soon as the adhesive bed is set. Under normal conditions this will be around 24 hours after fixing although this will be extended in cold conditions, when fixing larger tiles or when fixing onto impervious backgrounds. Do not use below 5°C.

IMPORTANT INFORMATION

When fixing onto moisture sensitive backgrounds such as plywood, plaster and plasterboard in areas which may be subject to wetting, the substrate should be waterproofed using Norcross Wet Seal Tanking Membrane.

Impervious backgrounds such as existing glazed tiles and paint will extend the drying time of ready mixed adhesives, it must therefore be ensured that the adhesive is fully dried before the commencement of grouting - at least 72 hours after fixing although this will be extended at lower temperatures.

Do not use externally or on floors.

Not suitable for use in areas of total immersion such as swimming pools.

Do not use below 5°C.

Exceeding the maximum recommended bed depth of 3mm may result in shrinking and cracking of the adhesive bed.

Spot fixing or 'dot and dabbing' is not recognised as being an acceptable fixing method and must be avoided.

COVERAGE

In dry areas with small tiles approximately 1m² per litre. In wet areas where solid bed fixing is essential approximately 0.5m² per litre.

STORAGE

Store in dry internal conditions away from direct sunlight between 5°C to 25°C. The product has a 12 month shelf life from date of manufacture.

TECHNICAL ADVICE

For advice on tile installation products call the Technical Helpline on 01782 524140.


Further information may also be obtained from the Norcross 'How to' sheets available on the website.

HEALTH & SAFETY



EUH208. Contains a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Norcross Shower White is considered safe to use, is non-toxic and non flammable. It contains biocide to prevent mould growth and should be kept away from children. Wash after skin contact, wear protective clothing to avoid allergic reaction in sensitive skin types and avoid ingestion.

|  EN 12004 : 2007 + A1 : 2010 Improved dispersion adhesive | |
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| Reaction to fire | Class E |
| Release of dangerous substances | See SDS |
| Open time as: | |
| - Tensile adhesion strength after not less than 20 minutes | ≥ 0.5N/mm ² |
| Durability for: | |
| - Initial shear adhesion strength | ≥ 1N/mm ² |
| - Shear adhesion strength after heat ageing | ≥ 1N/mm ² |
| Additional characteristics: | |
| - Adhesion strength after water immersion | ≥ 0.5N/mm ² |
| - Adhesion at elevated temperature | ≥ 1N/mm ² |