

# ULTIM8

## High Grab Wall Tile Adhesive

- Non-slip
- Kitchens & Bathrooms
- Easy to use
- Ready mixed
- BS EN 12004 D1T



Norcross Ultim8 is an acrylic based organic dispersion wall tile adhesive for fixing ceramic tiles, including large format up to 400mm x 300mm, to a variety of substrates. It has been specially formulated to have excellent wetting out which gives the adhesive high initial grab and superb non-slip characteristics reducing the need for support battens.

Norcross Ultim8 is suitable for internal wall tiling in areas such as kitchens, bathrooms and domestic showers for bed depths up to 3mm. The adhesive has a long pot life for ease of use and minimal wastage. In normal conditions tiles can be grouted 24 hours after fixing.

**Conforms to classification BS EN 12004 D1T**

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

<b>EN Classification</b>	BS EN 12004 D1T
<b>Working Time @ 20°C</b>	20 to 25 minutes
<b>Set Time @ 20°C</b>	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.
<b>Bed Thickness</b>	1mm to 3mm
<b>Coverage</b>	Dry Area: Approx. 1.5kg/m <sup>2</sup> Wet Areas: Approx. 3kg/m <sup>2</sup>
<b>Trowels:</b>	
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.



### Gypsum Plasterboard

Plasterboard should be rigid and well-braced with all board edges fully supported. Jointing compound at board junctions should be primed 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.

### Glazed Surfaces

These must be well fixed, clean, dry, grease-free and able to support the additional weight of tiling.

### 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 lengths of good quality self-adhesive tape over various areas of the paint. Leave the tape for approximately 10-15 minutes before pulling off. 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.

### APPLICATION

Stir the contents before use. Using a suitable notched trowel spread the adhesive onto the wall surface to form parallel ribs into which the tiles should be applied with a firm twisting action to collapse the ribs and ensure maximum adhesive contact. Spread only enough adhesive that remains workable and does not skin over. Solid-bed void-free fixing is essential in wet areas. Tiles may be grouted as soon as the adhesive bed is dry, under normal circumstances 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.

### IMPORTANT INFORMATION

When fixing onto moisture sensitive backgrounds such as 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 approximately 1.5kg/m<sup>2</sup>. In wet areas where solid-bed fixing is essential approximately 3kg/m<sup>2</sup>.

### 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 Norcross Technical Helpline on 01782 524140.

### HEALTH & SAFETY

Norcross Ultim8 is considered safe in 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.

 <b>EN 12004 : 2007 + A1 : 2010</b> Normal dispersion adhesive with reduced slip	
Reaction to fire	Class E
Release of dangerous substances	See SDS
<b>Open time as:</b>	
- Tensile adhesion strength after not less than 20 minutes	≥ 0.5N/mm <sup>2</sup>
<b>Durability for:</b>	
- Initial shear adhesion strength	≥ 1N/mm <sup>2</sup>
- Shear adhesion strength after heat ageing	≥ 1N/mm <sup>2</sup>
<b>Slip of:</b>	
- Slip	≥ 0.5mm