

## D1TE Readymix Adhesive

**Showerproof Ready Mixed Adhesive  
for Ceramic & Mosaic Wall Tiles, 15kg**



**1-3mm  
Bed Thickness / 30 mins  
Open Time / 24 hours  
Set Time**

- Ceramic / Mosaics
- Concrete / Plasterboard / Timber
- High Initial Grab
- Showerproof
- Non-Slip
- Internal Use

### DESCRIPTION

ROCATEX D1TE Readymix Adhesive offers high initial grab, ease of application and excellent non-slip properties. It is an off-white acrylic-based paste, suitable for use as a thin-bed ceramic and mosaic wall tile adhesive and conforms to BS EN 12004 D1TE. ROCATEX D1TE Readymix Adhesive can be applied to gypsum plaster, plasterboards, cement fibreboard, existing tiles, cement render, concrete blockwork, timber panels and plywood composite boards.

### PREPARATION & PRIMING

All surfaces must be clean, firm and free of dust, dirt, oil, grease and loose flaking coatings. Gypsum finishing plaster should be at least 4 to 6 weeks old, thoroughly dry and be free from dust, efflorescence and loose flaking material. Highly polished (shiny) plaster surfaces should be roughened with a wire brush, removing all loose fines. All plaster and porous masonry surfaces should be primed with ROCATEX Acrylic Primer diluted 1 part acrylic primer to 2 parts water and allowed to dry. All wood-based surfaces (plywood and composite panel boards) should be dry, sealed on all exposed faces and edges and then primed using ROCATEX Acrylic Primer diluted 1 part acrylic primer to 2 parts water.

Timber boarding should be waterproof rated, 15mm thick and be screw fixed at 150mm centres to provide a dimensionally stable background as described in BS 5385. All boards must be level, showing no edge protrusions and be fixed in place with a 0.5-1mm gap to avoid expansion stresses between the boards and around the wall corners. Expansion joints should be installed in accordance with the recommendations of BS 5385. Remove areas of unsound (emulsion based) paint from walls and when tiling over existing tiles ensure they are securely fixed in all areas. Thoroughly clean and dry tiled or non-porous surfaces and slightly score out joints to provide a key.

### APPLICATION

ROCATEX D1TE Readymix Adhesive should be applied with a 6mm notched trowel to give a ribbed bed on the wall surface, into which the tiles are firmly bedded with a twist and slide action to ensure complete contact. The position of the tiles can be adjusted up to 10 minutes after initial fixing. Open time of the exposed adhesive bed is approximately 30 minutes, depending on surface porosity and site conditions, however in warm rooms this period may be reduced - check the adhesive remains "tacky to touch" as fixing proceeds. Do not trowel out an area of adhesive greater than can be tiled over within a 10 minute period (about 1m<sup>2</sup>).

## ROCATEX

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The final adhesive bed depth should be in the range of 1-3mm and grout joints should be at least 2mm, unless self-spacing tiles are used. Ensure all adhesive residues remaining on the tile face are wiped clean with a moist cloth as fixing proceeds, and rake out any excess adhesive from within the grout joints. ROCATEX D1TE Readymix Adhesive should not be applied onto walls affected by penetrating damp, in areas of persistently high humidity or when the room temperature is below 5°C. This product is not designed for fixing tiles with dimensions of 300 x 300mm or more - a cement based alternative such as ROCATEX C2FT S1 Rapid Flex White is strongly recommended.

## GROUTING

Grouting may proceed as soon as the tile bed is sufficiently firm, which depending upon site conditions can be from 24 hours after fixing on porous surfaces such as plaster or up to 7 days where tiles have been fixed to an impermeable surface such as existing tiles or waterproof boards. These periods however may be prolonged in cold conditions. In areas subject to intermittent wetting, such as domestic showers, always use a waterproof grout such as ROCATEX CG2 Smooth Finish Grout. Allow up to 14 days for both the adhesive and grout to fully dry out before subjecting the tiled area to contact with water.

## COVERAGE


Depending on surface texture and porosity, on a typical smooth plastered wall ROCATEX D1TE Readymix Adhesive will cover at a rate of 2kg per m<sup>2</sup>. Coverage is dependent on the application technique, substrate and type of tiles used and these figures are therefore a guide only.

## STORAGE

When stored unopened in a dry place at temperatures between 5°C - 30°C, shelf life is 12 months from date of manufacture.

## TECHNICAL DATA

Conformity:	Conforms to the requirements of BS EN 12004 D1TE
Application temperature:	5°C to 25°C
Bed thickness:	1 - 3mm
Open time:	30 mins at 20°C
Set time:	24 hrs at 20°C
Ready for grouting:	24hrs at 20°C porous substrate & 7 days non-porous substrate
Shelf life:	12 months in cool dry area
Sizes:	15kg

		
Rocatex Ltd, Units 3+4 Camwal Park, Camwal Road, Harrogate, HG1 4PT, UK 13 DoP No. 006 EN 12004		
Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire (class)	Class F	EN 13501-1:2007+A1:2009
Initial shear adhesion strength (declared)	≥ 1,0 N/mm <sup>2</sup>	EN 12004-1:2007+A1:2012
Durability of bond strength against climate/heat ageing action expressed as: - shear adhesion strength after heat ageing	≥ 1,0 N/mm <sup>2</sup>	EN 12004-1:2007+A1:2012
Release of dangerous substances	See SDS	EN 12004-1:2007+A1:2012

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## HEALTH & SAFETY INSTRUCTIONS

Avoid skin and eye contact.

Handle only when wearing protective clothing.

Wash splashes from skin with soap and water. Flush eyes with copious amounts of water and seek medical attention if irritation persists.

For further information, please request the Material Safety Data Sheet for this product.