

# FAST SET ROCK-TITE GREY

## Polymer Modified Fast Setting Cementitious Adhesive



- ◇ Fully Vitrified/Porcelain Tiles
- ◇ 3 Hour Set
- ◇ Floors & Walls
- ◇ Interior & Exterior
- ◇ High Bond Strength
- ◇ BS EN 12004 C1F

A fast setting grey cement-based powder adhesive designed for fixing ceramic, porcelain and dark natural stone tiles to a variety of building surfaces in internal and external locations.

When fixing light coloured or translucent stone a white adhesive such as Norcross Rapid Porcelain & Stone White should be used to avoid staining

Conforms to BS EN 12004 C1F.

Pot Life @ 20°C	Set Time @ 20°C	Bed Thickness	Coverage	Trowels
Up to 30 minutes	3 hours	2-6mm 12mm in small areas	Walls: Approx. 3kg/m <sup>2</sup> Floors : Approx. 4kg/m <sup>2</sup>	<b>Walls:</b> Dry Areas: 6mm round notches Wet Areas: 10mm tapering notches Mosaics: 4mm square notches <b>Floors:</b> 20mm round notches

Cement: Sand Render/ Screed	Anhydrite Screeds	Existing Vinyl/ Flooring Grade Asphalt	Existing Glazed Tiles	Heated Floors	Timber Floors	Plasterboard / Plaster	Total Immersion
Y	N	Y	Y Slurry Bond Coat	N	N	Y Prime with undiluted Prime Bond	N



# FAST SET ROCK-TITE GREY

## General Surface Preparation

All surfaces should be dry, clean and strong enough to support the tiles to be fixed. All traces of dirt, dust laitance and other contaminants must be mechanically removed. Substrates should be true and flat to allow tiles to be fixed without visible lipping of tile edges. On floors, variations in surface level of the substrate which exceed 3mm under a 2 metre straight edge, should be levelled using either **Norcross Universal Floor Leveller** or **Norcross Pro 50 Levelling Compound**. This will be particularly appropriate where larger tiles, tiles with rectified edges or mosaics are being installed. Porous or dusty surfaces must be sealed using **Norcross Prime Bond** diluted 1: 4 with water.

SUBSTRATE	PREPARATION
CONCRETE/ POWER FLOATED CONCRETE	Must be a minimum of 6 weeks old. This may be reduced to 48 hours if Norcross Permlayer anti-fracture membrane is used. Power Floated concrete—brush apply a slurry bond coat consisting of 2 parts adhesive: 1 part Prime Bond & allow to dry
CEMENT: SAND SCREED	Must be a minimum 21 days old. This may be reduced to 48 hours if Norcross Permlayer anti-fracture membrane is used.
CEMENT: SAND RENDER	Must be at least 14 days old (21 days in total immersion areas). Blockwork must be at least 6 weeks old before render coat is applied.
VINYL TILES/ASPHALT	Must be sound & in good condition. Prime with undiluted Prime Bond & allow to dry
GYPSUM PLASTER/ PLASTERBOARD**	Seal with undiluted Prime Bond & allow to dry. Plaster skim + backing coat must be a minimum 4 weeks old. Plaster skim only at least 7 days old. Maximum weight limits are: Plaster = 20kg/m <sup>2</sup> : Plasterboard = 32kg/m <sup>2</sup>
EXISTING GLAZED TILES	Must be well fixed and able to support the additional weight of tiling, Thoroughly clean and degrease & allow to dry before brush applying a slurry bonding coat consisting of 2 parts adhesive: 1 part Prime Bond. Allow to dry.

\*\*In wet areas or those with intermittent wetting such as showers, moisture sensitive backgrounds such as plaster should be tanked using **Norcross Wet Seal Tanking Membrane**

## Mixing

Into a clean pail add 1 part of cold water and gradually introduce approximately 3.5 parts adhesive powder, stirring to blend the mixed mortar to a smooth lump-free consistency. The properly mixed adhesive will be thick enough to hold the adhesive ribs without slumping.

## Application

Using a suitably notched trowel spread the adhesive onto the fixing surface to form parallel ribs into which the tiles should be laid with a firm twisting action. Spread only enough material that remains workable and as such fully wets out the back of the tiles. Solid void-free fixing is essential on floors and in wet areas on walls. Tiles, especially those with deep keyed back profiles may need additional back-buttering to ensure solid bed fixing is achieved. Tiles may be grouted as soon as the adhesive bed is set. Do not use below 5°C.

## Storage

Store in dry internal conditions away from direct sunlight between 5-25°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 524 140**

CE	
Norcross Adhesives, Harewood Street, Tunstall, Stoke-on-Trent Staffordshire, ST6 5JZ	
13	
EN 12004: 2007 + A1 : 2010	
Improved fast setting cementitious adhesive with additional characteristics for internal and external tiling	
Reaction to fire	Class E
Release of dangerous substances	See SDS
Bond strength as:	
- Early tensile adhesion strength	≥ 0.5N/mm <sup>2</sup>
- High initial tensile strength	≥ 1 N/mm <sup>2</sup>
Durability for:	
- High tensile adhesion strength after heat ageing	≥ 1 N/mm <sup>2</sup>
- Tensile strength after water immersion	≥ 1 N/mm <sup>2</sup>
- Tensile adhesion strength after freeze/thaw cycles	≥ 1 N/mm <sup>2</sup>

**Norcross Adhesives,**  
 Harewood Street,  
 Tunstall, Stoke-on-Trent,  
 Staffordshire, ST6 5JZ

Tel: +44 (0) 1782 524140  
 www.norcross-adhesives.com



Made in the UK

