



# Wall & Floor Tile Adhesive

A Grey Rapid Setting Cement-Based Adhesive for use on Walls & Floors



BS EN 12004 Classification	Pot Life @ 20°C	Bed Thickness	Approximate Coverage	Suitable Trowels
C1F	Up to 30 minutes	2-6mm	Walls: 3kg/m <sup>2</sup> Floors: 4kg/m <sup>2</sup>	<p><u>Walls</u> Dry Areas: 6mm round notches Wet Areas: 10mm tapering notches Mosaics: 4mm square notches</p> <p><u>Floors</u> 20mm round notches</p>

Suitable for fixing tiles to:

- Concrete/Power Floated Concrete
- Cement: Sand Screed
- Existing Vinyl Tiles/Flooring Grade Asphalt
- Existing Glazed Tiles
- Cement: Sand Render
- Plaster/ Plasterboard

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

When fixing light coloured or translucent stone a white adhesive such as NX Flexible Universal Tile Adhesive should be used.



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## 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. On floors any gaps exceeding 3mm under a 2 Metre straight edge should be corrected using **NX 3-50mm Floor Leveler**. This will be particularly appropriate where larger tiles or those with rectified edges are being installed. Porous or dusty surfaces must be sealed with **NX Multi Purpose Primer** diluted 1: 4 with water.

SUBSTRATE	PREPARATION
CONCRETE/ POWER FLOATED CONCRETE	Must be a minimum of 6 weeks old. Power Floated concrete—brush apply a slurry bond coat consisting of 2 parts adhesive: 1 part Multi Purpose Primer & allow to dry
CEMENT: SAND SCREED	Must be a minimum 21 days old. .
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 Multi Purpose Primer & allow to dry
GYPHUM PLASTER/ PLASTERBOARD**	Seal with undiluted Multi Purpose Primer & 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 Multi Purpose Primer Allow to dry.

\*\*In wet areas or those with intermittent wetting such as showers, moisture sensitive backgrounds such as plaster should be tanked using a suitable 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 **Norcros Technical Helpline** on **01782 524 140**

