

PRIME BOND

Multi Purpose SBR Primer & Sealer



- ◇ Internal & External
- ◇ Primes, Seals & Dust Proofs
- ◇ Water & Frost Resistant

A multi purpose water based synthetic SBR polymer. It is water and weather resistant and is suitable for internal and external use on a wide range of substrates as a primer, sealer, dust proofer, slurry bonding coat and admixture in screeds and concretes.

Coverage Undiluted	Coverage 1:2 Dilution With Water	Coverage 1:3 Dilution With Water	Coverage 1:4 Dilution With Water	Slurry Bonding Coat
1 litre will cover approx. 12m ²	1 litre will cover approx. 36m ²	1 litre will cover approx. 48m ²	1 litre will cover approx. 60m ²	1 litre will cover approx. 3m ²

Internal	External	Cement: Sand Render/ Screed	Anhydrite Screeds	Existing Vinyl/ Flooring Grade Asphalt	Existing Glazed Tiles	Heated Floors	Timber Floors	Total Immersion
Y	Y	Y	Y Seal & Prime As Overleaf	Y	Y Slurry Bond Coat	Y	Y Permalayer or Plywood/ Pro Board Overlay	Y



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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 Permalayer anti-fracture membrane is used. Reduce porosity & dust proof using Prime Bond diluted 1:4 with water 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 Permalayer anti-fracture membrane is used. Reduce porosity & dust proof using Prime Bond diluted 1:4 with water
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.
ANHYDRITE/HEMIHYDRITE ** SCREED(GYPSUM) SCREEDS) WHEN USING CEMENT-BASED ADHESIVES	Dry in accordance with manufacturers recommendations. Mechanically remove all traces of laitance. Prime using progressively stronger coats of Norcross Prime Bond— 1: 4 with water: 1:3 with water & if still absorbent 1: 2 with water. Allow to dry between coats.
ANHYDRITE/HEMIHYDRITE ** SCREED(GYPSUM) SCREEDS) WHEN USING TILE TO GYPSUM ADHESIVE	Dry in accordance with manufacturers recommendations. Mechanically remove loose dust/laitance and smooth/shiny areas. Prime using Norcross Prime Bond— 1: 4 with water:. Allow to dry.
HEATED FLOORS	After levelling the heating should not be switched on for 14 days after which the temperature should be raised at a rate of 5°C per day to operating temperature. Undertile heating cables and mats should be encapsulated in a bed of either Norcross Pro 50 or Norcross Universal Floor Leveller,
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 ² : Plasterboard = 32kg/m ²
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 leveller: 1 part Prime Bond. Allow to dry.
PLYWOOD OVERLAY ON EXISTING TIMBER FLOORS (WBP/MARINE GRADE)**	Plywood must be minimum 15-18mm thick and be screwed to existing boards and joists with staggered joints at 300mm centres and 150mm centres along board edges. Seal back, face & edges with undiluted Prime Bond & allow to dry. All timber construction must be adequately ventilated behind to prevent warpage of boards.

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

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**

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