

Solo 18 RAPID DRYING LEVELLING COMPOUND

RAPID SETTING POLYMER MODIFIED LEVELLING COMPOUND FOR LEVELLING OF UNEVEN FLOORS BEFORE THE LAYING OF TILES AND OTHER SUITABLE FLOOR COVERINGS. TO BE MIXED WITH WATER. SUITABLE FOR BED THICKNESSES FROM 2mm TO 18mm.



Rev: 04-11

DESCRIPTION:

Polymer modified, levelling compound suitable for levelling uneven floors before the laying of floor tiles, vinyl tiles*¹ and other sheet coverings*¹ after 90 minutes. Suitable for levelling internal and external floors. It is imperative that all floors to be levelled must have a functioning Damp Proof Membrane. Do not use in areas subject to permanent water immersion.

PREPARATION:

Before commencing, all surfaces must be clean and dry. Remove all loose dust, dirt, oil, grease and other contaminants likely to affect adhesion.

UNDERFLOOR HEATING:

Cable or mat should be embedded in a layer of SOLO 18 as per thickness recommendations and allowed to set prior to fixing tiles or application of floor coverings. Underfloor heating must be switched off at least 48 hours prior to levelling the floor, left off for 7 days and only switched on gradually over a period of a further 7 days after the floor has cured.

MIXING:

Add SOLO 18 to cold clean tap water in a clean mixing vessel and mix to a smooth just pourable consistency either by hand or using a slow mechanical mixing paddle. Add 20Kg of SOLO 18 to 4.5 Litres of water. Do not add excess liquid. Mix only sufficient that can be used in 40 minutes. Product that has started to set must be discarded. Pour SOLO 18 onto the floor, use a trowel to assist flow of the product to the required depth. Clean all tools as soon as possible after use. Rub out any trowel marks before laying soft floor coverings.

TILING & GROUTING:

Should not be carried out until SOLO 18 has set after 90 minutes depending on site conditions.

SOFT FLOOR FINISHES*¹:

Should not be applied until the SOLO 18 has had 24 hours curing time but this will depend on site conditions. The moisture content for the flooring to be used must be taken into consideration.

APPLICATIONS:

Sand/Cement and Concrete: Must be fully cured and dry prior to levelling. Prime with a 3:1 dilution of Granfix Acrylic Bonding and Priming Agent.

Existing Glazed Tiles, Unglazed Tiles, Quarry Tiles and Terrazzo: Ensure tiles are firmly fixed and all surface treatments and contamination is removed. Prime surface with a mixture of 1 part Granfix Acrylic Bonding and Priming Agent to 1 part ordinary portland cement and apply to floor before application of SOLO 18.

Asphalt, Vinyl Tiles and Sheet Vinyl: Ensure surface is firm, hard and dry. Remove all polishes, grease dust and dirt. Prime surface with a mixture of 1 part Granfix Acrylic Bonding and Priming Agent to 1 part ordinary portland cement and apply to floor before application of SOLO 18.

Timber Floors: Background must be clean and free from any loose matter and the surface must be sound, dry and flat. Boards should be firmly fixed to supporting joists and free from any excessive or sudden movement. For floorboards, overlay with at least 15mm exterior grade plywood screw fixed at 300mm centres. Apply 1 coat neat of Granfix Acrylic Bonding and Priming Agent and allow to dry.

Power Floated Concrete: Ensure surface is clean and free from loose matter. Remove any surface laitance. Prime with a 3:1 dilution of Granfix Acrylic Bonding and Priming Agent. On very shiny surfaces, acid etching may be required.

Anhydrite Floor Screeds: Ensure surface is clean and free from loose matter. The screed should not contain more than 0.5% moisture before levelling commences. Seal the surface with 2 neat coats of Granfix Acrylic Bonding and Priming Agent.

PACK SIZES: 20Kg

COLOUR: Grey

COVERAGE: 5Kg per metre² at 3mm bed thickness

STORAGE: Store unopened in cool dry conditions

SHELF LIFE: Stored correctly, this product has a shelf life of 12 months from the date shown on the packaging.

TECHNICAL NOTES:

If tiling, all work should be carried out in accordance with BS5385 and BS8000 The Code of Practice for the installation of floor and wall tiles. SOLO 18 contains a reducing agent to control the level of Chromium VI. When stored correctly the activity of the reducing agent will be maintained and the product when mixed with water will produce no more than (0.0002%) 2ppm Chromium VI of the total weight of the dry cement. Use of the product after the end of the declared shelf life may increase the risk of an allergic reaction.

TECHNICAL DATA:

Application temperature:	Between 5°C and 30°C	Light Foot Traffic:	90 minutes*
Pot Life:	40 minutes at 20°C	Application Depths:	2mm-18mm
Suitable for Tiling:	After 90 minutes*	Full Use:	24 hours*
Suitable for Sheet Coverings:	After 24 hours*		
Service Conditions:	-20°C to +50°C		

*Note: All times refer to site conditions of 20°C. These times will be increased at lower temperatures and reduced at elevated temperatures.

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