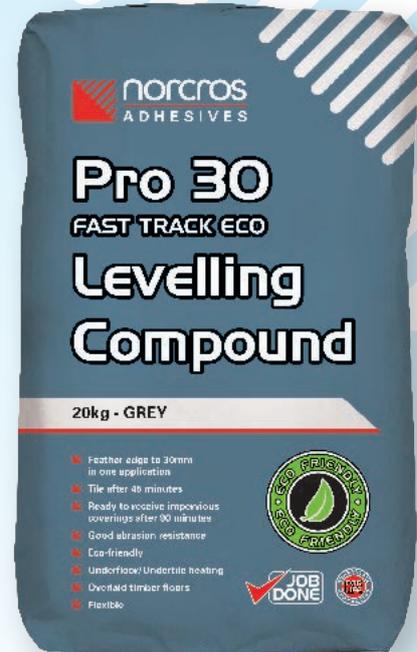


# PRO 30 FAST TRACK ECO LEVELLING COMPOUND

**Fast Setting Single Part Polymer Modified Self-Smoothing Cementitious Floor Leveller**

- Feather edge to 30mm in one application
- Tile after 45 minutes
- Ready to receive impervious coverings after 90 minutes
- Good abrasion resistance
- Eco-friendly
- Underfloor/Undertile heating
- Overlaid timber floors
- Flexible



Norcross Pro 30 Fast Track Eco Levelling Compound is an eco-friendly, flexible, single part, self-smoothing levelling compound suitable for use from featheredge to 30mm in one application without the requirement for additional aggregate. The product is suitable for levelling a variety of substrates including concrete, cement:sand screed, flooring grade asphalt and existing quarry and vinyl tiles. It is ideal to encapsulate undertile heating mats and cables, protecting the heating elements during the tile fixing process as well as providing a level surface to tile to. The product is also suitable for use on timber floors, which have been overlaid with 15mm to 18mm WBP or Marine grade plywood.

The excellent levelling and flow properties of the product make it ideal for preparing subfloors prior to fixing ceramic or natural stone tiles or soft floor coverings such as carpet, vinyl and timber. Ceramic and porcelain tiles may be fixed once the leveller is able to receive foot traffic (approximately 45 minutes at 20°C). Natural stone and soft floor coverings may be fixed after approximately 90 minutes.

## PREPARATION

All surfaces should be dry, clean and free from any release agents, which should be mechanically removed. All ground floors should incorporate a damp proof membrane. Dusty or porous surfaces should be primed with Norcross Prime Bond diluted 1:4 with water. For impervious backgrounds, a slurry bonding coat made of 1 part Norcross Prime Bond to 2 parts Norcross Pro 30 Fast Track Eco Levelling Compound should be applied to the substrate using a soft brush. Once dry, the slurry will provide a key coat onto which the Levelling Compound will form a strong bond. Alternatively Norcross Key Bond may be used in place of the slurry bond coat.

N.B. It is not recommended that more than 2 layers of levelling compound are used. Always prime the first layer of levelling compound with Norcross Prime Bond diluted 1:4 with water before applying a second layer.

<b>EN 13813 Classification</b>	CT-C30-F7	
<b>Working Time @ 20°C</b>	15 to 20 minutes	
<b>Walk on Hardness Time @ 20°C</b>	45 minutes	
<b>Ready to Receive Floor Coverings (at 3mm Thickness)</b>	90 minutes	
<b>Compressive Strength (EN13813: 2002)</b>	1 day	21.8 N/mm <sup>2</sup>
	7 day	28.4 N/mm <sup>2</sup>
	28 day	35 N/mm <sup>2</sup>
<b>Flexural Strength (EN13813: 2002)</b>	28 day	7.8 N/mm <sup>2</sup>
<b>Consumption Per mm Thickness</b>	Approx. 1.7kg	
<b>Coverage (Per 20kg Bag)</b>	3mm	4.0m <sup>2</sup>
	5mm	2.5m <sup>2</sup>
	10mm	1.25m <sup>2</sup>
<b>Application Thickness: Unfilled</b>	0-30mm	

## PREPARATION

<b>Concrete/ Power Floated Concrete</b>	Must be a minimum of 6 weeks old. This may be reduced to 48 hours if Norcross Permalayer anti-fracture membrane is used. Power Floated Concrete - brush apply either Norcross Key Bond or a slurry bond coat consisting of 2 parts cement-based levelling compound powder: 1 part Prime Bond & allow to dry.
<b>Cement:Sand Screed</b>	Must a minimum of 3 weeks old. This may be reduced to 48 hours if Norcross Permalayer is used. Prime with Prime bond diluted 1:4 with water.
<b>Anhydrite/ Hemihydrate (Gypsum) Screed</b>	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.
<b>Heated Floors</b>	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 (Refer to Norcross How to sheet 'Commissioning of Underfloor/Undertile Heating Systems'). Undertile heating cables and mats should be encapsulated in a bed of Norcross Pro 30 Fast Track Eco Levelling Compound.
<b>Asphalt</b>	Must be sound & in good condition. Prime with undiluted Prime Bond & allow to dry.
<b>Existing Glazed Tiles</b>	Must be well fixed and able to support the additional weight of tiling. Thoroughly clean and degrease & allow to dry before applying a slurry bonding coat of Norcross Key Bond. Allow to dry.
<b>Plywood Overlay (BS EN 636-3 WBP/Marine Grade Plywood)</b>	<p>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 &amp; edges with undiluted Prime Bond &amp; allow to dry. All timber construction must be adequately ventilated behind to prevent warpage of boards</p> <p>Beware of some grades of Eastern European and Far Eastern Plywood which may be susceptible to disintegration when wet. Plywood which has been treated/coated may not be suitable to receive a tiled finish as the coating may inhibit adhesion to the board.</p>

## SETTING OUT

To gauge the floor to be levelled use a 2m straightedge and rotate through 360° noting where any gaps are present between the base and straightedge. Any gaps above 3mm should be chalk marked. In the case of more serious deviations in levels, countersunk screws may be drilled and plugged into the floor at 500mm centres. The screws can be lined up and adjusted to the correct height by placing the straightedge and spirit level across them to achieve plumb markers up to which the compound can be screeded.

## MIXING

Into a clean pail add 5 litres of clean water and slowly add the 20kg of Norcross Pro 30 Fast Track Eco Levelling Compound. Mix with a rotary drill paddle to form a creamy lump free consistency.

N.B. Using excess water may weaken the leveller causing it to separate, crack and debond.

## APPLICATION

Pour the compound onto the floor and trowel out to the desired depth. The product is self-smoothing. The compound has a pot life of approximately 20 minutes, which will be reduced at high temperatures and extended in cool conditions. Do not use below 5°C. Undertile heating systems should not be switched on for at least 14 days and then brought up to operating temperature at a rate of 5°C per 24 hours.

## COVERAGE

Norcross Pro 30 Fast Track Eco Levelling Compound mixed with 5 litres of water will cover approximately 1.7kg/m<sup>2</sup> per 1mm thickness.

## DRYING TIMES

Drying is dependent on the absorbency of the subfloor, ambient temperature and humidity. On absorbent surfaces, at a nominal 2mm thickness, the underlayment will be ready to receive most floor coverings within 90 minutes.

## STORAGE

Store in dry internal conditions away from direct sunlight between 5°C to 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 524140.

Further information may also be obtained from the Norcross 'How to' sheets available on the website.

## HEALTH & SAFETY



DANGER

Causes skin irritation. Harmful if swallowed. Causes serious eye damage. May cause respiratory irritation. Keep out of reach of children. Avoid breathing dust. Wear protective gloves and eye protection. Wash hands thoroughly after handling. IF SKIN IRRITATION OCCURS: Get medical advice/attention. IF SWALLOWED: Call a poison centre or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre or doctor/physician. Dispose of contents/container in accordance with local/regional regulations.



EN 13813 : 2002 CT C30-F7 EN 13892-4 AR1  
Screed materials and floor screeds