

# ScreedPro EcoLevel 30

**A premium two part low odour, high strength, rapid drying and setting underlayment with exceptional flow. Suitable for use in domestic, commercial, clinical & biological areas.**



### Features

- 2mm – 15mm depth
- Rapid drying
- With added fibres
- Foot traffic 30 minutes
- Dries in 3 – 4 hours
- Excellent flow
- OPC Free
- No unpleasant ammonia smell
- Fix ceramics 45 minutes at 20°
- Unbonded floorcoverings from 45 mins
- Bonded floorcoverings from 4 hours
- CT – C25 – F7
- 20kg + 4.8kg



30 minute  
foot traffic



protein  
free



internal



under-floor  
heating



working time  
10 mins



OPC free



water lock  
formulation



lifetime  
guarantee

The compound shall be ScreedPro EcoLevel 30 as manufactured by N&C Building Products Limited, 41-51 Freshwater Road, Chadwell Heath, Romford, Essex, RM8 1SP, England. Tel: 020 8586 4600 and shall be applied strictly in accordance with the manufacturer's current data sheets and instructions.





**British Standard – Guidelines**

Floorcoverings) or BS 5325 (Installation of Textile Floorcoverings). Complies with EN standards and supplementary specifications.

**Description**

ScreedPro EcoLevel 30 is a two part low odour, fast drying and setting underlayment designed for smoothing uneven floors prior to the installation of floorcoverings.

It consists of a Portland Cement free powder component containing a blend of special binders and carefully graded aggregates, fillers and pre-weighed gauging liquid polymer dispersion.

ScreedPro EcoLevel 30 can be used in domestic and commercial areas. It is ideal for use in factories, garages, shops, schools, care homes, biological areas etc.

ScreedPro EcoLevel 30 should always be covered and not used as the final floorcovering.

ScreedPro EcoLevel 30 can be used to pre-smooth a concrete floor prior to the application of Nicobond DPM. It can also be used over Nicobond DPM, apply directly to the DPM surface within 18 hours. If the DPM has cured for >18 hours then apply a coat of undiluted Nicobond Primer and allow to dry. For best results apply ScreedPro EcoLevel 30 at minimum 3mm thick.

**Mixing**

Shake the latex bottle firmly prior to pouring in to a clean suitable container. The powder should be added at a steady rate, while stirring continuously using a variable speed mechanical mixer. The material should be mixed for 2 minutes until a smooth lump free consistency is achieved.

**Application**

Use mixed materials within 10 minutes. Trowel the material onto the prepared subfloor to a maximum thickness of 15mm

To achieve thicknesses over 15mm add Nicobond Chippings in a ratio of 2 parts ScreedPro EcoLevel 30 to 1 part Nicobond Chippings

For greater thicknesses apply further layers after the previous one has set, first removing any laitance that may have occurred. All layers must be of a similar depth.

No priming is required between layers.

**Substrates**

**Concrete & Sand/Cement Screeds**

Concrete and sand/cement screeds must be dry and any laitance or surface treatments removed.

Sand/Cement screeds must have a moisture reading of less than 75% RH before work can begin.

Allow approximately 1 day per mm for drying of new screeds. It is also advised to prime sand/cement screeds to maintain a good flow and prevent air bubbles rising to the surface.

Porous surfaces may need more than one coat. Prime with Nicobond Primer diluted at 4 parts water to 1 part Nicobond Primer.

**Power Floated Concrete**

The surface should have been allowed to dry for at least six weeks. Power Floated Concrete can have a loose top layer and in some cases laitance once it has dried.

Mechanically remove any laitance or surface treatments. All dust and debris must be removed using a vacuum.

**Ceramic, Quarry & Porcelain Tiles**

The surface must be clean, dry, secure and free from dirt and dust.

Use ScreedPro Feather Finish to fill in the grout joints to make the surface level prior to priming and applying ScreedPro EcoLevel 30.

**Under-floor Heating**

Under-floor heating must be switched off 48 hours before and after application. When switching on start with a low temperature, gradually increasing it to its operating temperature at a rate of 5° C per day.

**Flooring Grade Asphalt**

The surface must be clean, secure and free from dirt and dust. A minimum application of 3mm (maximum 6mm) of ScreedPro EcoLevel 30 will be required.

**Vinyl Tiles**

Existing hard vinyl tiles must be secure and adhered to the sand/cement or concrete substrate to which the vinyl tiles was originally applied. The surface must be clean, dry, secure and free from dirt and dust.

**Floorboards and T/G boarding**

Tongue and groove boards must be screwed down to the joists every 150mm to provide a rigid and flat surface.

Ensure the substrate is strong enough to support the leveller, adhesive and final floorcovering. Ensure there is sufficient ventilation beneath the substrate.

**Plywood**

The plywood must be 15mm or thicker screwed/ring nailed at 150mm centres.

Use ScreedPro Feather Finish to fill in the joints etc prior to applying ScreedPro EcoLevel 30.

ScreedPro EcoLevel 30 should be used only to pre-level wood prior to a timber overlay. Ensure there is sufficient ventilation beneath the substrate.

How much material?			
Applied Thickness	Approximate Coverage Per Unit	Consumption Per 100m <sup>2</sup> Area	Aggregate
2mm	5-6m <sup>2</sup>	18 units	n/a
15mm	0.8m <sup>2</sup>	125 units	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.



### Priming

Priming may not be required. However, in certain circumstances it may be beneficial to prime. See table below..

Surface	Primer
Porous Substrates	Nicobond Primer (diluted 1:4 with water)
Non Porous Substrates	Nicobond Primer (use neat – undiluted)
Calcium Sulphate Screeds	Consult Technical Support

### Technical Information

Specification	ScreedPro EcoLevel 30
BS EN 13813 Classification	CT-C25-F7
Application Thickness Unfilled	2mm to 15mm
Working Life @ 20° C	10 minutes
Walk on time @ 20° C	30 -45 minutes
At 3mm thickness ready for Ceramic Tiles	45 minutes
Resilient floor coverings / LVT (Dependent on thickness)	Approx 45 minutes loose lay Approx 3-4 hours bonded
Installation Temperature	Minimum 5°C
Compressive Strength N/mm <sup>2</sup> (BS EN 13892-2) 28 Days	> 25.0
Flexural Strength N/mm <sup>2</sup> (BS EN 13892-2) 28 Days	> 7.0
Colour	Beige
Packaging	20kg bag 4.8kg poly-bottle

### Technical Terms & Definitions

#### Porous (Permeable & Absorbent)

Porous surfaces are any materials having minute or narrow spaces through which liquid or air may pass. Examples of porous materials are quarry tiles (unsealed), unvarnished (unfinished) wood, concrete (not power floated), sand/cement screeds.

#### Non Porous (Impermeable & Non Absorbent)

Non porous surfaces tend to be thick, dense, and solid so that nothing can penetrate beyond its outer-most surface. Examples of non porous surfaces are metal objects, varnished wood, laminate counters, granite, power floated concrete, glazed ceramic tiles, porcelain tiles, flooring grade asphalt, quarry tiles (sealed) and vinyl. See notes on the use of Nicobond DPM One Coat membrane.

#### Fast Setting Screeds

Allow a faster setting time to achieve foot traffic within a shorter period. Such products may still require 12-24 hours to dry out completely (depending on thickness).

#### Fast Drying Screeds

Allow for the quicker installation of floorcoverings. Such products may be dry with in 4-6 hours (depending on thickness).

#### Tools

Suitable steel smoothing trowel, spiked roller, mixing bucket, electric drill and powder whisk.

#### Cleaning

Wash tools thoroughly with water immediately after use.

#### Shelf Life

6 months in unopened bags, 12 months in unopened bottles from the date of packing.

#### Storage

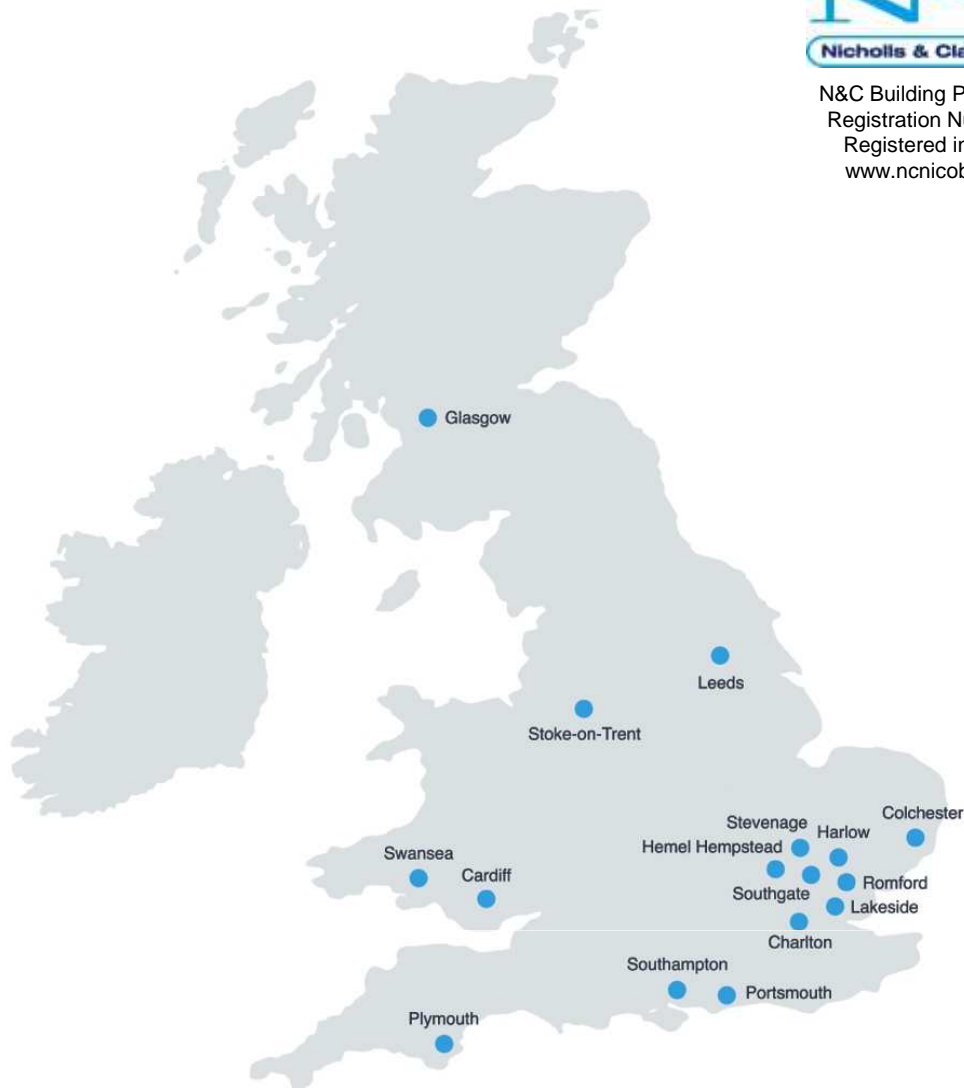
This product must be stored clear of the ground, under dry conditions, out of direct sunlight. Protect from frost. If allowed to freeze N&C Building Products cannot guarantee the performance of the product.

#### Health & Safety Advice

ScreedPro EcoLevel 30 powder is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations.

The relevant Material Safety Data Sheet can be obtained from the website or directly from N&C Building Products Ltd at the address below.

N & C Building Products Limited  
 41-51 Freshwater Road  
 Chadwell Heath  
 Romford  
 Essex RM8 1SP  
 Tel: 020 8586 4600  
 Fax: 020 8586 4646  
 Email: [info@nichollsandclarke.com](mailto:info@nichollsandclarke.com)  
 Web: [www.ncnicobond.com](http://www.ncnicobond.com)



#### Distribution Centres, Trade Counters & Showrooms

N&C Building Materials  
 41 - 51 Freshwater Road  
 Chadwell Heath,  
 Romford Essex RM8 1SP  
 Tel: 020 8586 4600  
 Fax: 020 8586 4646

C1 Cothill Trading Estate  
 Plympton  
 Plymouth PL7 1SR  
 Tel: 01752 339724  
 Fax: 01752 342746

B1 - B3 Sneyd Trading Estate  
 Sneyd Hill, Burslem  
 Stoke on Trent ST6 2PA  
 Tel: 01782 575727  
 Fax: 01782 575641

26 Colquhoun Avenue  
 Hillington  
 Glasgow G52 4BN  
 Tel: 0141 880 1200  
 Fax: 0141 880 1212

4 Waterloo Industrial Estate  
 Flanders Road  
 Hedge End  
 Southampton SO30 2QT  
 Tel: 01489 779700  
 Fax: 01489 779701

3 - 4 Cardiff Trade Park  
 Hadfield Road  
 Cardiff CF11 8AQ  
 Tel: 02920 390146  
 Fax: 02920 224356

2 City Park Industrial Estate  
 Gelderd Road  
 Leeds LS12 6DR  
 Tel: 0113 224 4630  
 Fax: 0113 224 4631

#### Trade Counters & Showrooms

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 Lower Park Road  
 New Southgate  
 London N11 1QD  
 Tel: 020 8361 6050  
 Fax: 020 8361 4757

14 Meridian Trading Estate  
 Bugsby Way, Charlton  
 London SE7 7SJ  
 Tel: 020 8269 5960  
 Fax: 020 8269 5961

Units 10 - 11, 14 - 15  
 Advent Way, Edmonton  
 London N18 3AF  
 Tel: 020 8586 4600  
 Fax: 020 8586 4646

8 Ascent Park  
 Edinburgh Way,  
 Harlow Essex CM20 2HW  
 Tel: 01279 621980  
 Fax: 01279 621981

1 Cliffside Trade Park  
 Motherwell Way,  
 Lakeside, West Thurrock  
 Essex RM20 3XD  
 Tel: 01708 680180  
 Fax: 01708 680181

2 - 5 Albarn Close  
 Wyncolls Road  
 Severalls Park, Colchester  
 Essex CO4 9HY  
 Tel: 01206 844 161  
 Fax: 01206 845 878

9 - 11 McDonalds  
 Business Park, Maylands  
 Hemel Hempstead  
 Hertfordshire HP2 7EB  
 Tel: 0845 2606 025  
 Fax: 0845 2606 026

16 Arlington Business Park  
 Whittle Way, Stevenage  
 Hertfordshire SG1 2BD  
 Tel: 01206 849 322  
 Fax: 01438 740 338

8D Pompey Centre, Fratton Way  
 Southsea, Portsmouth PO4 8TA  
 Tel: 02392 894599  
 Fax: 02392 894598

5 Tower Court, St David's Road  
 Swansea Enterprise Park  
 Swansea SA6 8RU  
 Tel: 01792 797337  
 Fax: 01792 774019

# Nicholls & Clarke

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