



UNICLASS L6412:P21	CAW M10
CI/SfB	(43) Yq2

Technical data sheet

July 2016

ScreedPro Latex

A conventional two part low odour self smoothing compound with excellent flow and flexibility. Suitable for use in domestic, commercial, clinical & biological areas.



Features

- 1mm – 30mm depth
- Rapid setting
- Foot traffic 2 hours
- Dries in 8 hours
- Excellent flow
- Feather edge applications
- Protein free
- Low odour
- No unpleasant ammonia smell
- Fix ceramics 4 hours at 20°
- Resilient floorcoverings/LVT from 12 hours
- CT – C25 – F7
- 20kg + 4ltr



1-2 hour
foot traffic



protein
free



internal



flexible



under-floor
heating



working time
20 - 30mins



lifetime
guarantee

The compound shall be ScreedPro Latex 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

All aspects of the installation must be in accordance with the requirements of BS 8204, BS 8203 (Installation of Resilient Floorcoverings) or BS 5325 (Installation of Textile Floorcoverings). Complies with EN standards and supplementary specifications.

Description

ScreedPro Latex is a two part low odour, fast setting underlayment designed for smoothing uneven floors prior to the installation of floorcoverings. When applying to porous substrates such as plywood or timber use LatexFlex as the liquid component.

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

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

ScreedPro Latex 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 Latex 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 at slow speed. The material should be mixed for 2 minutes until a smooth lump free consistency is achieved.

Application

Use mixed materials within 20-30 minutes. Trowel the material onto the prepared subfloor to a maximum thickness of 8mm.

To achieve thicknesses over 8mm add Nicobond Chippings in a ratio of 2 parts ScreedPro Latex 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.

How much material?			
Applied Thickness	Approximate Coverage Per Bag	Consumption Per 100m ² Area	Aggregate
3mm	4.5m ²	22 bags	n/a
8mm	1.7m ²	58 bags	n/a
15mm	1.35m ²	50 bags	25 bags

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.

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 Latex.

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 Latex 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 Latex.

ScreedPro Latex with Latex liquid should be used only to pre-level wood prior to a timber overlay. Ensure there is sufficient ventilation beneath the substrate. When using Latex Flex liquid, the levelling compound may be used over plywood up to 6mm thick.



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 Flow
BS EN 13813 Classification	CT-C25-F7
Application Thickness	
Unfilled	Up to 8mm
Filled	Up to 30mm
Working Life @ 20° C	30 minutes
Walk on time @ 20° C	Approx 2 hours
At 3mm thickness ready for Ceramic Tiles	4 hours
Resilient floor coverings / LVT	Approx 12 hours
Application over non-absorbent surfaces	Allow 24 hours (in good drying conditions)
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2) 28 Days	> 28.0
Flexural Strength N/mm ² (BS EN 13892-2) 28 Days	> 8.0
Packaging	20kg bag / 4 litre 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

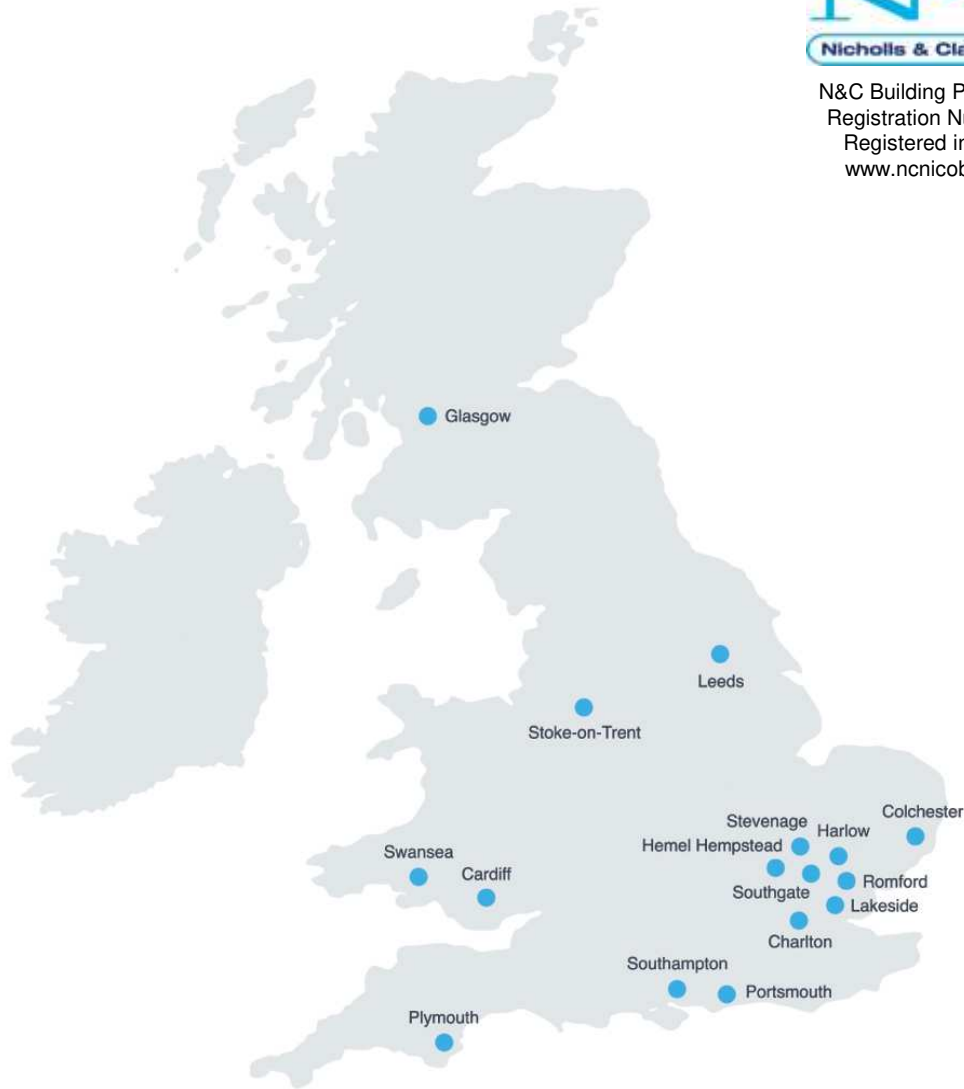
This product must be stored clear of the ground, under dry conditions, out of direct sunlight. Protect from frost. If allowed to freeze N&C Building Products cannot guarantee the performance of the product.

Health & Safety Advice

ScreedPro Latex 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
 Web: 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

1A - 1B Alexander Place
 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