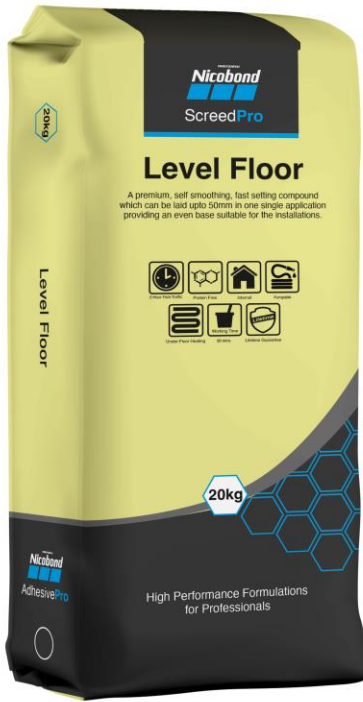




Reference Number	NCR0225260
Date	September 2025
Previous Revision	July 2025

ScreedPro Level Floor

- From 3mm to 50mm in a single application
- Ideal for use on renovation projects, domestic, commercial and light industrial.
- Formulated for use on rigid bases
- Pre-aggregated
- Set to foot traffic after only 2.5 – 3 hours regardless of depth at 20°C
- Exceptional flow and self-smoothing characteristics
- Pumpable
- Ammonia and Protein-free
- Ultra-low emissions suitable for use in sensitive environments
- Loose laid resilient floor coverings can be laid after 8 hours at 20°C
- Fix Ceramics after only 5 hours at 20°C.
- Bonded Resilient Floorcoverings and LVT from 24 hours at 20°C
- Shrinkage compensated
- BS EN 13892-2 CT-25-F7



Application Data	
COLOUR	Grey
MIXING RATIO (CLEAN, COOL WATER ONLY)	20kg powder to approximately 4.0 to 4.2 Litres of water
MIXING	Measure the required amount of clean water into a clean Nicobond Mixing Bucket or suitable rigid sided clean vessel. The powder/granite should be added at a steady rate, whilst mixing at a high shear using a Nicobond whisk in a variable speed electric drill until a smooth lump free consistency is achieved.
CONSISTENCY OF MIX	Fluid mortar
BED THICKNESS	3mm to 50mm
COVERAGE	At 3mm – approx. 4.5m ² per unit/100m ² requires 25 bags At 50mm – approx. 0.2m ² per unit/ 100m ² requires 500 bags
POT LIFE	20-30 minutes at 20°C
WALK ON TIME	From 2.5 – 3.0 hours at 20°C
AT 3MM THICKNESS READY FOR CERAMIC TILES	From 5 hours at 20°C
RESILIENT FLOOR COVERINGS/LVT (DEPENDANT ON THICKNESS)	Approx 8 hours at 20°C loose lay, Approx 24 hours at 20°C bonded
READY FOR LIGHT FOOT TRAFFIC	From 2 hours at 20°C
INSTALLATION TEMPERATURE	Minimum 5°C ideally maintain 10°C
IN SERVICE TEMPERATURE	-20°C to 70°C
SHELF LIFE	At least 12 months from date of packing when kept clear of the ground and stored under dry conditions in unopened packaging. Protect from frost.
PACKAGING	Powder 20kg poly lined paper sack.

EN 13813:2002 Test Methods	
EN 13892-2	Determination of flexural and compressive strength after 28 days
Compressive Strength at 28 days	≥ 25.0 N/mm ² (BS EN 13892-2)
Flexural Strength at 28 days	≥ 7.0 N/mm ² (BS EN 13892-2)

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.

ScreedPro Level Floor

BRITISH STANDARDS AND GUIDELINES:

All aspects of any installation of the Nicobond ScreedPro range of products must be carried out in compliance with the directives of the relevant British Standard requirements of BS8203, (Installation of Resilient Floorcoverings), BS 8204, (Screeds, Bases and In-situ flooring), BS5325 (Installation of Textile Floorcoverings) and BS5385 codes of practice for wall and floor tiling. With reference also to the Contract Flooring Association Guide to Contract Flooring, and The Tile Association guidelines.

All installations must be carried out in strict accordance with the manufacturer's instructions featured in the relevant Technical Data Sheets (TDS). Expansion, movement, and perimeter joints in the substrate must be carried through to the surface, with foam expansion strips fitted to any adjacent vertical structures to prevent the compound from entering the joints. ScreedPro Level Floor is not intended as a wearing surface and should always be covered, while trafficking with heavy equipment and the storage of building materials on the screed should be avoided. Where this cannot be prevented, the screed must be allowed to fully cure, and the surface protected against damage or wear during subsequent building operations by using rigid boarding of appropriate thickness, selected according to the point and rolling loads that will be applied. Concrete substrates need to be minimum 6 weeks old and then left a further 3 weeks before applying a smoothing compound.

DESCRIPTION:

ScreedPro Level Floor is a rapid setting, low-odour, water mix smoothing compound with excellent flow capabilities. ScreedPro Level Floor is walkable in as little as 2.5 hours (typically 3 hours) at 3mm/20°C, and ceramic tiles fixed from 5 hours. Unbonded floor coverings can be installed from 8 hours at 3mm/20°C and bonded floor coverings can be installed after 24 hours at 3mm/20°C.

USES:

For smoothing most internal sub floors such as concrete, and sand: cement screeds, and is ideal for use as a renovation screed. ScreedPro Level Floor can be applied from 3mm to 50mm in one application to correctly prepared substrates. Direct application to Bitumen surface treatments is not recommended and ideally any residues of such material must be removed before application of a Nicobond smoothing compound. Contact Nicobond Technical Support Team for further advice.



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SURFACE PREPARATION:

The surface of the subfloor must be clean, sound and free from dust, plaster, grease, all paints, polishes and surface waxes or treatments. Remaining adhesive residues should be checked to ensure that they are not water softenable and that they are hard, sound and have sufficient cohesive strength to receive a smoothing compound. Application depths greater than 6mm onto sand: cement screeds and concrete require the surface to be mechanically prepared to reveal the aggregate to give an adequate mechanical key for the smoothing compound to bond to. Thoroughly vacuum loose material and dust before application.

PRIMING:

Priming may not always be necessary, but it is advisable to reduce the effects of porosity of the sub floor which can result in pin-holing or acceleration of setting times of smoothing compounds applied to the sub floor. Any primers used must be fully dry before application of smoothing compound. For porous substrates apply Nicobond Primer diluted 1:3 with water. The Nicobond Primer must be applied with a short pile roller in a thin even coat without pooling and allowed to dry prior to applying the ScreedPro Level Floor. Repeat application at right angles to the first if necessary. For impervious or low porous substrates apply Nicobond Gritted Primer and allow to dry before applying a 3mm minimum, 6 mm maximum thick coat of ScreedPro Level Floor.

MOISTURE CONTENT AND CEMENTITIOUS SUB FLOORS:

Where moisture sensitive and semi-impervious floor coverings are to be installed, the floor must have a moisture content of less than 75%RH (Relative Humidity) when tested in accordance with BS 8203 and protected by an effective structural DPM prior to installing the subsequent floor finishes. Where rising damp or residual construction moisture is present in concrete or cement/sand screeds and moisture readings are up to 99.9% RH, it will be necessary to install Nicobond DPM One Coat Membrane and Primer, or Nicobond Moisture Vapour Suppressant (MVS) in accordance with the manufacturers Technical Data Sheets. NOTE Application of ScreedPro Level Floor directly to these smooth, impervious surface treatments alter the application thickness and it is vital that conformation of the maximum thickness is established before commencing application, along with the priming system required. An application of Nicobond Gritted Primer followed by ScreedPro Level Floor, at depths between 3mm and 6mm maximum, may then be applied to the Nicobond One Coat DPM & Primer after approx. ≥12 hours once dry. For commercial installations, the 2nd coat of Nicobond One Coat DPM and Primer should be broadcast with Nicobond ScreedPro Sand NR5 kiln-dried aggregate. Always consult the latest relevant datasheets or contact the Nicobond Technical Support Team for further information.

The information contained on this data sheet is given in good faith. It is to the best of our knowledge true and accurate; however, it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or the possibility of variations of working conditions and of workmanship outside our control.



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ScreedPro Level Floor

During second coat application, broadcast Nicobond ScreedPro Sand NR5 aggregate evenly into the wet resin ensuring that a dry excess of sand is formed above the resin surface (approx. consumption of Nicobond ScreedPro Sand NR5 aggregate is 2 - 3 kg/m²). Regularly check areas that have been sand coated and ensure that there are no patches where the sand appears to have sunk or looks wet - add further sand if necessary. Allow the second coat of resin to cure and then brush and/or vacuum off all dry, loose sand - the resultant finish should resemble medium-to-coarse sandpaper.

If subfloors are impervious, they should be primed with Nicobond Gritted Primer or Nicobond Water Based Epoxy Primer and a coat of ScreedPro Level Floor, minimum 3mm, and maximum 6mm thick will be necessary to ensure to provide a uniform drying of the new adhesive and to prevent any reaction with existing adhesive residues.

NOTE Nicobond DPM One Coat Membrane & Primer once applied must have the smoothing compound applied as soon as reasonably practical to limit the possibility of the DPM being breached. Avoid performing cleaning regimes on or near to the area where DPM has been applied.

CALCIUM SULPHATE SCREEDS:

ScreedPro Level Floor is not recommended for use on these substrates.

EXISTING CERAMIC, PORCELAIN AND QUARRY TILES:

ScreedPro Level Floor is not recommended for use on these substrates.

PLYWOODS, FLOORBOARDS and T/G BOARDING:

ScreedPro Level Floor is not recommended for use on these substrates.

HARD VINYL TILES:

ScreedPro Level Floor is not recommended for use on these substrates.

UNDERFLOOR HEATING:

ScreedPro Level Floor is not recommended for use on these substrates.

METAL:

ScreedPro Level Floor is not recommended for use on these substrates.



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ScreedPro Level Floor

MIXING:

Measure the required water and pour into a clean and dry mixing bucket. Add the powder at a steady rate while mixing with a mechanical variable speed powered drill and a suitable whisk until a smooth, lump-free and fluid mixture is achieved. Do not add any additional water to the mix during or after placement as this will have a detrimental effect on the finish and integrity of the product.

APPLICATION:

Once mixed, immediately apply to the prepared sub floor spreading evenly with a smooth-edged steel trowel to a thickness of minimum 3mm to a maximum thickness of 50mm per coat. 3mm is the absolute minimum depth the product can be applied over the highest point of an area with levels being brought to this. Do not feather edge product to less than 3mm, use ScreedPro Feather Finish if required.

PUMP APPLICATION:

It is vital that guidance given in BS 8204-7:2003 Screeds, bases and in situ floorings —Part 7: Pumpable self-smoothing screeds — Code of practice Annex A (normative) Method for the determination of the flow value is followed, and a suitable flow diameter is maintained.

COVERAGE:

A combined unit (powder & water) will cover approximately 4.5m² at 3mm thickness on a flat level surface, and additional material should be allowed for where the surface is uneven.

DRYING AND HARDENING:

At normal temperatures (20°C) working time is approximately 30 minutes. ScreedPro Level Floor is accessible to foot traffic from approximately 2.5 – 3 hours at 3mm/20°C after application. The setting, hardening and drying times will be extended at lower temperatures, shortened at higher temperatures and high humidity.

APPLICATION OF FURTHER LAYERS:

Ensure existing layer is free from dust and debris, is at least 24 hours old and is free from pin-holing and laitance. Apply a coat of Nicobond Primer, diluted 1-part Nicobond Primer to 3-parts clean water, allowed to dry, followed by a 2nd coat of Nicobond Primer diluted 1-part Nicobond Primer to 3-parts clean water applied at right angles to the first. Once dry apply ScreedPro Level Floor at thickness of minimum 3mm to a maximum thickness of 50mm per coat. Ensure the finish coat does not exceed the depth of the basecoat.

TOOLS:

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

CLEANING:

Wash tools thoroughly with clean water immediately after application of smoothing compound.

See Nicobond "Tiling Products: The Directory" or Nicobond "Flooring Systems the directory" for full details of our extensive range of tiling and flooring products and tiling solutions. Refer to the latest version of our Technical Data Sheets and Safety Data Sheets to ensure compatibility before use, these can be downloaded from our website www.ncnicobond.com

MANUFACTURERS WARRANTY:

Nicobond products are covered by our lifetime warranty. Whilst we strive to ensure that any advice, recommendations, or information provided in our literature are accurate and up to date, we have no control over the conditions under which our products are used. It is therefore the responsibility of the end user to ensure that the product and its application are suitable for the intended purpose. No warranty is given, nor liability accepted, beyond the assurance that the product supplied will conform to our written specifications. End users must consult the latest version of the Technical Data Sheet and Safety Data Sheet prior to use, both of which are available from our website or upon request. We do not accept any liability for workmanship or any consequential loss or damage.

HEALTH AND SAFETY:

POWDER COMPONENT:

Avoid breathing dust

Wash hands, forearms and face thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Call doctor if you feel unwell.



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