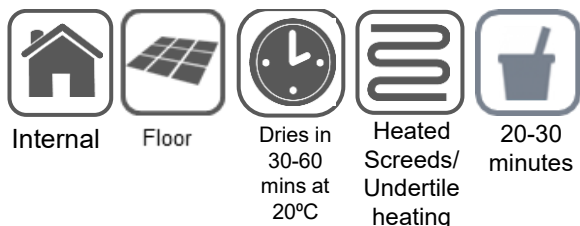


Moisture Vapour Suppressant (MVS)

- Single-Component Residual Moisture Vapour Suppressant
- Controls residual moisture in concrete slabs and cement/sand screeds
- Suitable for subfloors $\leq 95\%$ RH
- Apply Nicobond Smoothing Compounds directly in as little as 2 hours
- No priming required
- Ready to use with resealable packaging
- Compatible with heated screeds and underfloor/tile heating
- Water-based formula with low VOCs



Application Data	
COLOUR	Light Blue
MIXING RATIO	Use Neat – do not dilute
MIXING	Ready for use – shake bottle well first
CONSISTENCY OF MIX	Thin Liquid
APPLICATION	Decant into a suitable vessel first such as a paint tray. Use a lambswool roller and/or brush. Apply a second coat of undiluted suppressant at right angles to the first once it is dry.
COVERAGE	At 150g/m ² coating a unit will cover approx. 16.5m ² based on a 2-coat system. Approx. 6 units will be required for 100m ² depending on absorbency of substrate
READY FOR LIGHT FOOT TRAFFIC	Once second coat has dried approx. 30-60 minutes at 20°C. Overlay within 12 hours or reapply another coat.
INSTALLATION TEMPERATURE	Air temperature should be a minimum of 10°C throughout application and curing. Floor temperature should be a minimum of 5°C above the dew point to ensure there is no moisture present at the subfloor surface which may impair adhesion.
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	5kg jerry can



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BRITISH STANDARDS AND GUIDELINES:

All aspects of any installation of the Nicobond 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.

DESCRIPTIONS:

Nicobond Moisture Vapour Suppressant (MVS) is a ready-to-use, single-component, water-based coating supplied in 5kg units. It is pigmented blue for easy coverage checks and becomes waterproof when fully cured. Designed to suppress residual moisture in cementitious substrates, including correctly prepared power-floated concrete and cement: sand screeds, Nicobond Moisture Vapour Suppressant (MVS) is applied as a two-coat system.

Once dry, two coats form a membrane that accommodates hygrometer readings $\leq 95\%$ RH and allows direct application of Nicobond smoothing compounds without priming.

It can be used on heated screeds/ underfloor heating installed and commissioned according to BS 8204 Part 1 and BS EN 1264 Part 4. Turn off the heating 24 hours before application of the suppressant, do not heat again until at least 24 hours after installation of all subfloor preparation products, including levelling compounds, in steps of maximum 5°C water temperature per day up to the system operating temperature.

LIMITATIONS:

It is not suitable for use on direct to ground substrates without a functioning, structural damp proof membrane. Please refer to Nicobond One Coat DPM & Primer/ Nicobond Rapid DPM for applications where no structural damp proof membrane exists, or the relative humidity is $\geq 95\%$ RH.

MOISTURE TESTING:

Moisture testing should be undertaken in accordance with BS 8203: 2001+ A1:2009. Nicobond Moisture Vapour Suppressant (MVS) should not be used in projects where hydrostatic pressure is a concern. In such cases the use of pressure relief drainage and/or external tanking systems must be the primary method of protection against moisture.



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SUBSTRATE PREPARATION:

Ensure the surface is hard, dry, sound, and free from dust, laitance, paint, plaster, adhesive residues, or other contaminants. Remove surface water. If compatibility is uncertain, perform an adhesion test

Remove incompatible materials by grinding or shot blasting. Power Floated Screeds should be blast tracked using grinding or contained shot blasting as appropriate. Movement joints should not be bridged with the suppressant. The joints should be sealed with flexible jointing products after application of the membrane.

MIXING:

Nicobond Moisture Vapour Suppressant is ready to use. Shake the bottle well before use. Always decant into a suitable vessel first such as a paint tray and avoid pouring out onto the substrate and applying material from the intended application surface. Do not dilute.

PRIMING:

Priming not required – for particularly absorbent substrates additional coats can be applied. Nicobond MVS can be absorbed into the substrate leaving a subdued shine. In these instances, or where pinholes, cavities and weak patches are apparent a further coat may be required. Ensure the entire surface area is treated, and 100% coverage is achieved.

APPLICATION:

Air temperature should be a minimum of 10°C throughout application and curing. Floor temperature should be a minimum of 5°C above the dew point to ensure there is no moisture present at the subfloor surface which will hinder adhesion. Dew point is linked to atmospheric humidity and temperature. Most modern electronic moisture testing kits provide this function. The product should be conditioned at temperatures between 5°C and 30°C overnight prior to use. This ensures that the product will be at a suitable viscosity for mixing and will have optimum pot life. Do not use this product when the temperature is below 10°C and/or the substrate temperature is below 5°C.

Using a lambswool roller or brush apply the first undiluted coat of suppressant onto the subfloor. After approximately 30 minutes depending on temperature, relative humidity and the substrate. Apply a second coat of undiluted suppressant at right angles to the first. Drying time of the second coat will be approximately 60 minutes depending on the conditions as previously outlined. Before applying a levelling compound, the last coat of suppressant must be sufficiently dry to accept light foot traffic.

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N & C Building Products Limited
41-51 Freshwater Road, Chadwell Heath
Romford Essex RM8 1SP
Tel: 020 8586 4600
Email: info@nichollsandclarke.com
Web: www.nichollsandclarke.com

Moisture Vapour Suppressant (MVS)

NOTE: Nicobond Moisture Vapour Suppressant must only be overlaid with a minimum 3mm to 6mm maximum thick layer of a suitable Nicobond smoothing compound to protect the film and to provide a uniform absorbent layer for subsequent floorcovering application with an appropriate flooring adhesive.

Ensure the installation is kept completely clear of other trades and foot traffic until the Nicobond MVS is cured and do not traffic between coats and before the smoothing compound is applied. No more than 12 hours should be allowed to elapse between coats for optimum performance. Beyond 12 hours apply a further coat of Nicobond MVS.

Sites that are cold, humid or damp or in areas where airflow is poor, will prolong drying and curing times, so allowances should be made accordingly. Inspect to ensure a pinhole free film has been attained.

CLEANING:

Wash tools thoroughly with clean water immediately after application.

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:

EUH208 Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction

UFI Code: 0390-Y0UK-C00C-5Y65



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