



WOOD FINISHES DIRECT

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For purchasing information visit:
[Morrells Induro Natro Floor Varnish](#)

Product Data Sheet



Induro Natro

Dead Matt Single Pack Water Borne Flooring Lacquer

Code	Description
8DM/NT1	Dead Matt Single Pack WB Flooring Lacquer

Technical Data	<p>This product is based on a fully cross-linked single pack (1K) polyurethane technology offering enhanced performance characteristics compared with other Single Pack systems. Since it is supplied fully cross-linked there are no pot-life limitations</p> <p>This product is ideal for use in domestic areas of medium to high traffic.</p> <p>This product is not suitable for areas where high levels of water are present, for example bathrooms and swimming pool walkways etc.</p>
Properties	<p>The extremely low gloss level of this lacquer provides a natural / unfinished appearance, but is extremely strong yet flexible offering outstanding chemical and mechanical resistance.</p> <p>This lacquer can be used as a coat on coat but when used in conjunction with either Induro GP or Induro EB Seal produce finishes with outstanding clarity and woodwarming.</p> <p>This material typically reaches full cure with optimum performance faster than moisture or oxygen cross-linking systems and offers excellent durability and yellowing resistance.</p>
Recommended use	<p>This product is suited for internal soft and hardwood flooring for domestic applications with medium – high traffic.</p> <p>Details/guidance on recommended finishing processes and systems are provided in the Morrells Induro flooring Brochure.</p>
Mixing Guidelines	<p>Supplied ready for use (RFU) but can be thinned with water up to a maximum of 2%, if required.</p> <p>In winter months thinning to this degree is not recommended and may result in poor film formation.</p>
Application	<p>For best results the application should be carried out using a Short Mohair or similar type roller. Mohair Flooring pads or T-bar applicators can also be used. Lacquer should be applied evenly making smooth passes with the roller/pad predominantly along the grain taking care to avoid 'pooling'.</p> <p>The approximate single coat coverage of the lacquer is 8 - 10 m² per litre, this however is dependant on the method of application, porosity of the timber and type/desired finish.</p>



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<p>Handling</p>	<p>This lacquer should ideally be used (lacquer & application area) at temperatures above 15°C, to prevent problems of film formation and “whitening”.</p> <p>Touch Dry: 20 - 30 minutes @ 18°C Sandable: 2-3 hours @ 18°C. Recoatable: 2-3 hours minimum @ 18°C</p> <p>Induro Natro will accept light traffic use 24hours after application.</p> <p>Do not to place furniture or move furniture across the floor surface for at least 72 hours after application.</p> <p>Do not place mats or rugs on surface for at least 5 days after application, as this will impede final cure.</p> <p>These times will be extended under conditions of low temperature and/or of high humidity.</p>
<p>Cleaning</p>	<p>Application equipment should be cleaned with water immediately after use.</p>
<p>System Guidelines</p>	<p>Morrells recommends the following guidance for use of this product :</p> <p>Typical Domestic Finish: 1 coat of Induro GP or EB applied at 130 – 150mls per coat (DFT ~42 µ) if required, but should not be denibbed.</p> <p>1 - 2 coats at 100 - 120mls/m² per coat of Induro Natro Lacquer (Dry Film Thickness ~ 30 - 35µ per coat).</p> <p>The Induro Natro should be denibbed between coats to aid adhesion.</p> <p>Using these products in systems outside these guidelines can lead to immediate and latent problems with the integrity of the finish.</p>
<p>Maintenance</p>	<ul style="list-style-type: none"> ○ The use of good quality entrance mats and furniture pads are recommended to avoid damage to the finish. ○ Should a liquid spillage occur all excess liquid should be wiped up and removed immediately and not allowed to dwell on the surface. Similarly, spillages of hot or cold cooking oils or fats should be wiped up and removed without delay. ○ Sweep or vacuum with a hard-floor attachment as often as possible. As and when required, use a lightly damped mop on the surface. ○ Wet cleaning and vacuuming should be avoided until the lacquer has reached full cure – approx 7 days after application. ○ Pets can also traffic grit and dirt on to a floor. Pets claws should be trimmed regularly to reduce scratches/indentation to the finish. <p>Induro Floor Cleaner (cleanse) should be used for routine cleaning to maintain the appearance of floors finished with these lacquers.</p> <p>Induro Floor Reviver (revive xl-10 or revive xl-30) is recommended for use to revitalise the appearance of flooring damaged by scratch and scuff marks. For best results it is advisable to lightly de-nib the flooring with a Red Scotchbrite, then wipe clean using Cleanse prior to the application of the Floor Reviver, this</p>



	<p>should be left for 1 hour before buffing. Alternatively the Floor Reviver can be applied direct to the flooring and left for 1 hour before buffing.</p> <p>Refer to the induro Wooden Floor Maintenance Guide for information on cleaning and reviving.</p>
<p>Important Information</p>	<ul style="list-style-type: none"> ➤ Only Morrells standard range of LF stains and 134/ Classique stains are recommended under this product. ➤ Leave adequate time between coats. Do not apply more than 3 coats in one day. Denib between coats to aid adhesion. ➤ Excessive coating weights can lead to cracking or lifting. ➤ Do not overcoat with solvent borne products. ➤ Avoid contact with iron, copper, zinc, aluminum and platinum as these can attack the aqueous polymer. ➤ Waterborne products should have nominated finishing equipment. ➤ When coating darker timbers, such as walnut, mahogany or teak, slight bleaching may occur. ➤ Do not use in areas of high humidity or condensation. ➤ Users should prepare a test panel prior to commencement and satisfy themselves that the specific system provides the appearance and level of performance appropriate for the end-use. ➤ Product should be stored above 5°C and protected from frost. ➤ Optimum application is achieved between 18°C and 22°C with good air movement and ventilation. ➤ Finished products should not be subjected to environments with temperatures of < 2°C. ➤ In scope of 2004/42/EC.
<p>Health & Safety</p>	<p>Reference should be made to the appropriate MSDS for this product, which can be found at www.morrells.co.uk</p> <p>The use of appropriate personal protection equipment (PPE) is recommended.</p> <p>This product is intended for professional use only.</p>

The information provided on this information sheet is based on the best of our knowledge and experience, is given in good faith and should only be regarded as recommendations. No guarantee should be inferred and customers are advised to carry out their own tests under local conditions.

For further technical information contact our Technical Support Team on 0161 406 5300.





**SAFETY DATA SHEET
INDURO NATRO - 8DM/NT1**

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name INDURO NATRO - 8DM/NT1
Product No. 8DM/NT1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Industrial wood coating.

1.3. Details of the supplier of the safety data sheet

Supplier: Morrells Woodfinishes Ltd
Wellington Works
Mill Lane, Woodley
Stockport
England
SK6 1RN
0161 406 5300
0161 406 6276
enquiries@morrells.co.uk

1.4. Emergency telephone number

0161 406 5300 DURING OFFICE HOURS

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical Not classified.
Health Not classified.
Environmental Not classified.
Classification (1999/45) Not classified.

2.2. Label elements

Supplemental Label Information
EUH210 Safety data sheet available on request.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

3-BUTOXYPROPAN-2-OL	1-5%
CAS-No.: 5131-66-8	EC No.: 225-878-4
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548) Xi;R36/38

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

SECTION 4: FIRST AID MEASURES

INDURO NATRO - 8DM/NT1

4.1. Description of first aid measures

Inhalation.

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin Contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye Contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Protective Equipment



Engineering Measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

Respiratory Equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

Road Transport Notes	Not Classified
Rail Transport Notes	Not classified.
Sea Transport Notes	Not classified.
Air Transport Notes	Not classified.

14.1. UN number**14.2 UN Proper Shipping Name****14.3 Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date	22/02/2016
Revision	2
Supersedes Date	16/12/2011
Risk Phrases In Full	
R36/38	Irritating to eyes and skin.
Hazard Statements In Full	
H315	Causes skin irritation.
H319	Causes serious eye irritation.