



Induline NW-740/05

Water-based natural effect varnish for dimensionally stable wood building elements directly or indirectly exposed to weathering



Colour	Availability		
	Quantity per pallet	96	22
	Size / Quantity	5 l	20 l
	Type of container	Tin canister	Tin canister
	Container code	05	20
	Art. no.		
Induline NW-740/05 cloth matt			
clear	7920	■	■
Special colours*	7921	■	■

*For colour recommendations, see Technical Data Sheet or "Colour collection for natural effect varnishes" & "Grey Protect colour collection"

Application rate



Application rate: 150-200 ml/m²
Wet film thickness: 150-200 µm
Dry film thickness: 40-55 µm
Object-related deviations should be determined by a trial coating.
The values given are based on undiluted material.

Range of use



- For all dimensionally stable wood building elements made of light-coloured softwood and hardwood
- Windows, exterior doors & conservatories
- Wood-aluminium composite structures
- Post-rail constructions
- Natural/Grey Protect colours for direct weathering - clear for protected structures
- Intermediate and finishing coats
- For use by professionals

Property profile



- Cloth matt surface with very little emphasis of grain: the treated wood has a natural looking finish
- UV absorbers reduce darkening of the wood
- Added bonus of being resistant to scratches and hand cream when surface is subjected to normal use
- Surfaces show no tendency to become glossy
- Clear version of the product for protected constructions provides the best possible natural look
- Natural colours for surfaces exposed to direct weathering: pigmented versions of the product are available for the different types of wood so as to provide a natural look with good UV protection
- Grey Protect colours for direct weathering: grey tones that harmonise with the natural greying of the wood for a timeless appearance

Characteristic data of the product

Binder	special PU/acrylate polymers
Density (20 °C)	1.02-1.04 g/cm ³
Viscosity (20 °C)	2300 - 2800 mPas
Odour	mild
Degree of gloss	cloth matt

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Possible system products

- Induline SW-900* (3776)
- Induline GW-360 (3201)
- Induline GW-306* (3488)
- Induline ZW-504i (3453)
- Induline ZW-507i (1636)
- Induline Perfect Finish (1879)



► **Door Care Kit (2746)**

*Use biocidal products carefully.
Always read the label and product information before use.

Directions



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +15 °C to max. +30 °C.

Stir well.

Airless spraying: nozzle size: 0.28-0.33 mm; material pressure: 70-90 bar.

Air-mix spraying: nozzle size: 0.28-0.33 mm; material pressure: 70-90 bar, atomiser air pressure 1-2 bar.

See application examples for precise system configuration.

Seal opened containers well and use contents as soon as possible.

Tips on use



Check colour, adhesion and compatibility with the substrate by setting up a trial area.

Before coating technically modified woods and wood-based materials, apply the coating to a trial surface and conduct a suitability test on the desired area of use.

Prior to full application, please apply a test coat to a sample area under practical conditions using the desired system, then test or examine the surface properties.

Carry out light intermediate sanding on particularly elegant surfaces prior to applying a finishing coat.

Observe the waiting times between coats.

Substances in oak may bleed, causing dark discolouration, when coated with water dilutable dispersion stains.

Examine sealants, sealing material and foreign materials for their coating compatibility.

Closed-pore varnishing must be carried out.

■ **Drying**

Dust dry: approx. 1 hour

Touch dry: approx. 2 hours

Can be overcoated: approx. 4 hours

Further processing and packaging: approx. 8 hours

Practice values at +20 °C and 65% relative humidity.

Low temperatures and high humidity delay drying.

■ **Thinning**

Ready to use

Application examples

Natural effect coatings

Protected constructions:

Oak, clear: Induline GW-360 clear, Induline ZW-504i, Induline NW-740/05 clear

Spruce, clear: Induline GW-306* FT 38863, Induline NW-740/05 clear

Larch, clear: Induline GW-360 clear, Induline ZW-504i, Induline NW-740/05 clear

Direct weathering:

Oak, natural oak: Induline GW-360 FT 38854, Induline ZW-504i, Induline NW-740/05 FT 38855

Spruce, natural spruce: Induline SW-900*, Induline GW-360 FT 38856, Induline ZW-504i, Induline NW-740/05 FT 38857

Larch, natural larch: Induline SW-900*, Induline GW-360 FT 38858, Induline ZW-504i, Induline NW-740/05 FT 38859

Optimum transparency can be achieved by using a clear intermediate coat.

Although the various colours are matched to a specific type of wood, they can easily be used for other types of wood as well, in which case the look of the colour will differ from the corresponding sample.

Timeless pre-greying for dimensionally stable building elements

Uni colours - direct weathering:

Spruce, FT20924 water grey: Induline SW-900*, Induline GW-360 FT20924, Induline ZW-504i, Induline NW-740/05 FT20924

Spruce, RC-970 silver grey: Induline SW-900*, Induline GW-360 RC-970, Induline ZW-504i, Induline NW-740/05 RC-970

Spruce, FT20929 ore grey: Induline SW-900*, Induline GW-360 FT20929, Induline ZW-504i, Induline NW-740/05 FT20929

Spruce, FT20923 granite grey: Induline SW-900*, Induline GW-360 FT20923, Induline ZW-504i, Induline NW-740/05 FT20923

Spruce, FT20930 misty grey: Induline SW-900*, Induline GW-360 FT20930, Induline ZW-504i, Induline NW-740/05 FT20930

Metallic colours - direct weathering:

Spruce, FT25416 graphite grey: Induline SW-900*, Induline GW-360 FT47062, Induline ZW-504i, Induline NW-740/05 FT25416

Spruce, RC-972 quartz grey: Induline SW-900*, Induline GW-360 FT47076, Induline ZW-504i, Induline NW-740/05 RC-972

Spruce, RC-971 sage: Induline SW-900*, Induline GW-360 FT47074, Induline ZW-504i, Induline NW-740/05 RC-971



Spruce, RC-961 reed: Induline SW-900*, Induline GW-360 FT47070, Induline ZW-504i, Induline NW-740/05 RC-961
Spruce, FT26788 platinum grey: Induline SW-900*, Induline GW-360 FT47064, Induline ZW-504i, Induline NW-740/05 FT26788


Notes

Production of corrective lacquers:
In order to repair minor damage to the lacquer (e.g. during installation), mix Induline NW-740/05 with 5% VP 20282 brushable additive (0362).

Care and maintenance:
Wood is subjected to great climatic and environmental stresses when outdoors. The coat is susceptible to the processes of natural ageing, wear and decomposition. Decomposition takes place at different speeds, depending on the stress (weak, average, strong) placed on the wood building element. Weathering stages may vary according to the part or element affected. To give wood the longest and best possible protection it is advisable to examine surfaces every year. Any damage found should be addressed immediately after cleaning.
For cleaning and care, we recommend the care set for doors (2746).
Using the care balsam contained in the set can help to extend the intervals at which maintenance is required, while retaining the uniform, cloth matt surface.
Where necessary, repairs can be carried out by applying Induline NW-740/05 by brush, mixed with 5% VP20282 brushable additive (0362).

Tools / Cleaning

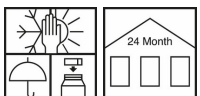
Airless or air-mix spraying equipment



Clean tools immediately after use with water and detergent.
Ensure that any residue from cleaning is disposed of correctly.

Storage / Shelf life

If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 24 months.



Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Personal protective equipment

Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

VOC content as per the "Decopaint" Directive (2004/42/EC)

EU limit value for the product (Cat. A/e): max. 130 g/l (2010).
This product contains < 130 g/l VOC.

VOC	
Kat.	A/e
2010:	130g/l
max.:	130g/l

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.