



Induline LW-790

Water-based, translucent intermediate and finishing coat for spray application



Colour	Availability	
	Quantity per pallet	96 22
	Size / Quantity	5 l 20 l
	Type of container	Tin bucket Tin bucket
	Container code	05 20
	Art. no.	
Induline LW-790/20 matt		
clear	7962	■
special colours	7963	■
Induline LW-790/40 silk gloss		
clear	7960	■ ■
special colours	7961	■

Application rate

150 - 275 ml/m² (plus spraying loss)
(equivalent to a wet film thickness of 150 - 275 µm and a dry film thickness of 50 - 100 µm)



Range of use



- For use on interior and exterior wood
- Soft and hard woods
- Dimensionally stable wood building elements: e.g. windows and doors
- Intermediate and finishing coats
- Single coat and multi-coat procedure
- The emphasis of the grain will produce a different effect in each case. Therefore, when using the clear variant on softwood (protected structures), test on a trial area beforehand to determine the colour effect.
- For use by professionals

Property profile



- Good flow properties
- Block resistant (in accordance with Code of Practice HO.03)
- UV-resistant and colourfast
- Highly resistant to temporary water stains
- Long intervals between renovations

Characteristic data of the product

Viscosity (20 °C; 29 s-1)	Approx. 4500mPas (clear)
Binder	Acrylate
Density (20 °C)	Approx. 1.04 g/cm ³
Odour	Characteristic
Degree of gloss	Matt/silk gloss

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

Certificates

- DIN EN 71-3 "Migration of certain elements"
- French VOC Emission Test

Possible system products

- Induline SW-900* (3776)
- Induline GW-306* (3488)
- Induline GW-360 (3201)
- Induline GW-390 (7950)



- › Induline ZW-502i (1633)
- › Induline ZW-504i (3453)
- › Induline ZW-507i (1636)
- › Induline SW-935 (3786)
- › Induline Mix & Go (1827)

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

Preparation

- **Substrate requirements**
The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.
Dimensionally stable wood building elements: wood moisture content 11-15%
- **Substrate preparation**
If necessary, impregnate non-resistant woods with a wood preservative* (*Use biocides safely. Always read the label and product information before use).
Pre-treat using a suitable primer & intermediate coat and carry out intermediate sanding if necessary.
If necessary, protect parapet joints with Induline V-Joint Protection or Induline AF-920.

Directions



- **Conditions for use**
Temperature of the material, air and substrate: from min. +15 °C to max. +30 °C.

Stir well before using.

The values given are based on undiluted material. The best spraying pattern is achieved if the material has a temperature of 15-20 °C.

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.

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.
Ensure good ventilation.
Do not use in direct sunlight or at temperatures below +15 °C or above +30 °C.
Substances in oak may bleed, causing dark discolouration, when coated with water dilutable dispersion stains. To prevent any substances in the wood from becoming active, forced drying should be carried out.
The clear colour version of the product is not suited for use on exterior surfaces that are directly exposed to weather.
When using a clear intermediate coat, the colours produced may be different to the colours shown on the colour card.
The specifications of VFF Code of Practice HO.03 must be observed with regard to the permitted dry layer thicknesses.

- **Drying**
Dust-dry: after approx. 1 hour
Ready for sanding and next coat: after approx. 4 hours
(Practice values at 23 °C and 50% relative humidity, and a wet film thickness of 150 - 175 µm)

If forced drying is used, ready for sanding and next coat: after approx. 20 minutes flash-off zone (at approx. 20 °C and 65 - 75% RH) / 75 minutes drying phase (approx. 45 °C, 1 m/s air circulation) / 20 minutes cooling phase
If the temperature goes below the specified working temperature or exceeds the specified atmospheric humidity or maximum coat thickness, this will delay full drying and lead to inclusion of hydrophilic emulsifiers. This increases the risk of temporary water staining. This effect is reduced as the coat continues to harden.
- **Thinning**
Dilute with water if necessary (max. 5%).

Notes

DIN EN 71-3 "Migration of certain elements":
This product complies with the limits for the migration of heavy metals to children's toys according to DIN EN 71-3 and thus fulfils one of several further requirements for the safety of children's toys according to the EU "Toy Directive" (2009/48/EC).
Sealing:
Sealing compounds must be compatible with the coating and may only be applied once the coating has dried thoroughly.
Only use sealing profiles that are free of plasticisers.
Production of a brushing quality:
This product can be used with Induline Mix & Go to produce an easy-to-apply lacquer for reconditioning and repair work.
Care and maintenance:
Wood is subjected to great climatic and environmental stresses when outdoors. The coat is susceptible to the



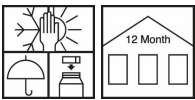
processes of natural ageing, wear and decomposition. Decomposition takes place at different speeds, depending on the stress (weak, average, strong) placed on the wood building element. Weathering stages may vary according to the part or element affected. To give wood the longest and best possible protection 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 windows (2745) and doors (2746). Use Aqua HSL-35 and Aqua DSL-55 or HSL-30 and MSL-40 to carry out repairs. Observe current standards and guidelines for coating wood building elements outdoors (Codes of Practice issued by the German Association of Window and Facade Manufacturers (VFF), Code of Practice No. 18 issued by the German Federal Committee for Paint and the Protection of Material Assets (BFS), guidelines issued by the German Lacquer and Printing Ink Association (VdL) and ift guidelines issued by the Institut für Fenstertechnik).

Tools / Cleaning



Hand spray gun, automatic spraying equipment
Clean tools with water or Aqua RK-898 Cleaning Concentrate immediately after use.
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 12 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.

Biocidal Products Regulation

Contains a biocidal product (in-can preservative) with the biocidal agents CMIT/MIT (3:1) for protecting the container content from deterioration by microbial organisms (germs, yeast, etc.). Please note the processing guidelines carefully!

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.