



Induline LW-700/20 Aqua & UV-Stop

Water-based, translucent finishing coat for spray application



Colour	Availability			
	Quantity per pallet	96	22	4
	Size / Quantity	5 l	20 l	120 l
	Type of container	Tin bucket	Tin bucket	Plastic drum
	Container code	05	20	68
	Art. no.			
Induline LW-700/20 matt				
clear	281679	■	■	
special colours	281695	■	■	■
Cannella FT35683	281696	■	■	■
Mandorla	281697	■		
Fruento Plus FT35752	281698	■	■	
Hanf Plus	281699	■	■	

Application rate

150 - 300 ml/m² (plus spraying loss)
(corresponds to wet film thickness: 150 - 300 µm, dry film thickness: 50 - 110 µm)
The values stated refer to undiluted material.



Range of use



- For use on interior and exterior wood
- Soft and hard woods
- Dimensionally stable wood building elements: e.g. doors, windows and shutters
- Intermediate and finishing coats
- Single coat and multi-coat procedure
- For use by professionals

Property profile



- Good flow properties
- High level of UV resistance and colour stability
- High brilliance
- Very good hail resistance: elasticity at low temperatures
- Special combination of binding agents creates an extremely hard-wearing surface

Characteristic data of the product

Viscosity (20 °C; 29 s-1)	Approx. 3900 mPas
Binder	Acrylic resin polymers
Density (20 °C)	Approx. 1.02 - 1.04 g/cm ³
Odour	Characteristic
Degree of gloss	Matt

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

Certificates

- CATAS WKI PREMIUM
- CATAS WKI PREMIUM PLUS
- CQA Coating Systems for Exterior Wood
- CQA Coating Systems for Exterior Wood PLUS

Possible system products

- Induline SW-900* (3776)
- Induline GW-306 UV Stop (283310)



- > Induline GW-360 (3201)
- > Induline ZW-502i (1633)
- > Induline ZW-504i (3453)
- > Induline GW-341 WF (3396)
- > Induline GW-342 U (3288)
- > Induline ZW-507i (1636)
- > Induline ZW-504 LP (283383)
- > Induline ZW-503 HF (1671)
- > Induline Mix & Go (1827)
- > Induline GW-306* (3488)

*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.

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: 0.28 mm, spraying pressure: 110 - 120 bar

Airmix spraying: Nozzle: 0.28 mm, spraying pressure: 100 - 120 bar, air pressure 1.4 - 1.6 bar

Flow cup gun: Nozzle: 2.5 mm, atomiser air pressure 3 - 4 bar

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

Tips on use



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.
The system finder on our website www.remmers.com contains coating recommendations for specific wood types to be used when treating windows and exterior doors.
Check colour, adhesion and compatibility with the substrate by setting up a trial area.
Colour complaints relating to special colours shall only be acknowledged by us if a trial coating was applied before use on the final surface and this was submitted to us in order to remedy the defects.
Substances in oak may bleed, causing dark discolouration, when coated with water dilutable dispersion stains. Ensure good ventilation.
To prevent any substances in the wood from becoming active, forced drying should be carried out.
Do not use in direct sunlight or at temperatures below +15 °C or above +30 °C.
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.
A repeat application may be required in exceptional cases.

- **Drying**
Dust-dry: after approx. 1 hour
Ready for overcoating: after approx. 4 hours
Practice values at +20 °C and 65% relative humidity.
Forced drying at approx. 30 °C: after approx. 1 hour
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

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).

Other:

This product is not suitable for coating building elements with limited or no dimensional stability, such as pavilions, fences and timber cladding.

The label "WKI Premium" refers to various tested colour shades. The clear variant was not tested accordingly.

Tools / Cleaning

Hand spray gun, automatic spraying equipment

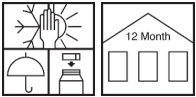
Clean tools with water or Aqua RK-898 Cleaning Concentrate immediately after use.

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.



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.