



Induline 2DW-635

Water-based, opaque 2K topcoat for durable and attractive windows and doors, for spray application



Colour	Availability	Quantity per pallet		
		Size / Quantity	5 l	20 l
		Type of container	Tin bucket	Tin bucket
		Container code	05	20
		Art. no.		
special colours	281201	■		■
Base A (pre-filling: 100%)	281202	■		■
Base B (pre-filling: 95%)	281203	■		■

Application rate

175 - 200 ml/m² (plus spraying loss)
(equivalent to a wet film thickness of approx. 175 - 200 µm and a dry film thickness of approx. 75 - 80 µm)



Variations due to colour are possible.

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
- For use by professionals

Property profile



- Excellent flow properties
- Outstanding (wet) adhesion
- High hiding power
- Increased block resistance
- Very high scratch resistance
- Good resistance to chemicals
- Good resistance to a wide range of commercially available hand creams
- Supports sealing when used with suitable primer and intermediate coatings
- Weather resistant
- Good hail resistance
- Compatible with the Induline coating system

Characteristic data of the product

Binder	PU, acrylate copolymer
Density (20 °C)	Approx. 1.15 g/cm ³
Viscosity	Approx. 7000 mPas
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.

Additional information

- [Kreiden des Lackes](#)

Possible system products

- [Induline SW-900* \(3776\)](#)
- [Induline GW-209 \(2498\)](#)
- [Induline ZW-400 \(3900\)](#)
- [Induline 2ZW-435 \(281208\)](#)



- > Induline H-935 (2199)
- > Induline GW-201 (2491)
- > Induline GW-306 UV Stop* (283310)
- > Induline GW-309 (283378)
- > Induline ZW-425 (7918)
- > Induline DW-601 Aqua Stop (1725)
- > Induline DW-608/20 (1229)

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

Preparation

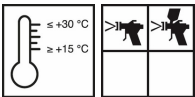
- **Substrate requirements**
The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.
Dimensionally stable wood building elements: wood moisture content 11-15%
- **Substrate preparation**
If necessary, impregnate non-resistant woods with a wood 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.

Production of the mixture



- **Mixing**
10:1 with Induline H-935 by volume
Add hardener while stirring and homogenise the mixture.
Working time max. 3 hours; may be reduced at higher temperatures.

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: 120 - 130 bar
Airmix spraying: Nozzle: 0.28 mm, spraying pressure: 100 - 120 bar, air pressure 1.4 - 1.6 bar
Flow cup gun: Nozzle: 2.0 - 2.5 mm, atomiser air pressure: 3.0 - 4.0 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.
Do not use in direct sunlight or at temperatures below +15 °C or above +30 °C.
Ensure good ventilation.
To prevent coloured substances contained in the wood from showing through, use a suitable primer and intermediate coating with a sealing effect on white or light-coloured surfaces.
With water based coating systems, there is always a residual risk that substances contained in the wood will cause discoloration.
- **Drying**
Dust dry: after approx. 1 hour
Sanding and overcoating: after approx. 4 hours
(Practice values at 20 °C and 50% relative humidity)
- **Thinning**
Ready to use, dilute with max. 10% water if necessary
Application with flow cup gun: dilute with 10 - 20% water

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.
Where the coating substances used are rich in colour, colour rub-off may occur, e.g. during cleaning. These effects are temporary and sporadic and do not impact the quality of the product in any way. Please see the technical information contained in TI 5.12 "Paint chalking".

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).
We recommend that reconditioning coats be applied using Aqua AG-26 All Primer (7147) and Aqua DL-65 Opaque Top PU (7200) or Aqua VL-66/sm Venti-Coat 3in1 (7090)



Tools / Cleaning

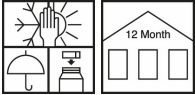
Airless/airmix spraying equipment, flow cup gun



Clean tools immediately after use with HFW7-017A special cleaning solution.
Ensure that any residue from cleaning is disposed of correctly.

Storage / Shelf life

If stored in the unopened original container in a cool, dry place protected from 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.

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.