



Induline 2ZW-535

Water-based, transparent 2K sealing filler 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.		
clear	281206	■	■

Application rate

130 - 180 ml/m² per coat
(equivalent to wet film thickness: 130 - 180 µm, dry film thickness: 40 - 55 µm)



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 coat for opaque and transparent systems
- For use by professionals

Property profile



- Excellent flow properties
- Good build on the surface
- Good pore wetting performance
- Quick-drying
- Excellent sanding properties
- Less discolouration due to water-soluble substances in the wood
- Reduces surface impairments caused by substances contained in specific types of wood (e.g. larch).
- Reduces the tendency of the wood to turn darker as a result of a reaction to tannic acid (e.g. oak)
- UV blockers provide greater protection for translucent colours

Characteristic data of the product

Binder	PU, acrylate copolymer
Density (20 °C)	Approx. 1.04 g/cm ³
Viscosity	Approx. 4000 mPas
Odour	Characteristic

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-306 UV Stop* (283310)
- Induline 2LW-735 (281210)
- Induline GW-360 (3201)
- Induline H-935 (2199)
- Induline GW-341 WF (3396)
- Induline LW-700 (3400)
- Induline LW-700/20 Aqua & UV-Stop (281679)

*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).

Prime wood surfaces.

Prime opaque (white) surfaces with Induline GW-306 or GW-309.

If necessary, protect parapet joints with Induline V-Joint Protection or Induline AF-920.

Production of the mixture



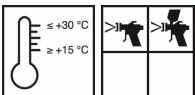
Mixing

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.

Ensure good ventilation.

If necessary, check compatibility with the substrate and sealing effect by applying a trial coat.

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.

A repeat application may be required in exceptional cases.

Carry out intermediate sanding before applying a final coat: P 220-240, remove sanding dust.

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.

With water based coating systems, there is always a residual risk that substances contained in the wood will cause discoloration.

Bleeding resin is a natural phenomenon and cannot be prevented by coating measures, see BFS Code of Practice No. 18.

The product's sealing effect may be impaired if it is diluted too thinly, if the wood is too wet or if the recommended coating sequence, application volumes and drying times are not observed.

In the case of porous wood types (e.g. oak), care must be taken to ensure that the varnish fills the pores. It may be necessary to exceed the recommended application quantity.

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).

Drying

Dust-dry: after approx. 30 minutes

Ready for sanding and overcoating: after approx. 4 hours

(at 20 °C and 65% RH)

Low temperatures, poor ventilation and high humidity delay drying.

Thinning

Ready to use. If necessary, dilute with 10 - 20% water.

Application with a flow cup gun: dilute with 10 - 20% water.

Notes

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.

Tools / Cleaning

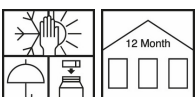


Airless/Airmix spraying equipment, flow cup gun

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 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.
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.