



## Induline ZL 450

Solvent-based, white two-component acrylic primer for mixing systems for windows and doors, for spray application

Colour	Availability		
	Quantity per pallet	30	22
	<b>Size / Quantity</b>	<b>10 l</b>	<b>20 l</b>
	Type of container	Tin bucket	Tin bucket
	Container code	10	20
	<b>Art. no.</b>		
white (RAL 9010)	283430	■	■

### Application rate

125 - 150 ml/m<sup>2</sup> per coat  
(equivalent to a wet film thickness of 125 - 150 µm and a dry film thickness of 55 - 70 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
- For folding shutters made of multi-ply Okoume
- Adhesive primer for old structures on windows and exterior doors
- For use by professionals

### Property profile



- Excellent flow properties
- High stability
- Reduces upright fibres
- Good sanding properties
- Good sealing effect
- Good moisture protection

### Characteristic data of the product

Binder	Acrylate
Density (20 °C)	Approx. 1.26 g/ml
Runout time s (20° C, DIN 4)	Approx. 95
Flash point °C	< 21 °C
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

- [PUR H-280 Hardener \(1975\)](#)
- [Induline GW-306 UV Stop \(283310\)](#)
- [Induline GW-309 \(283378\)](#)
- [Induline DW-601 Aqua Stop \(1725\)](#)
- [Induline DW-608/20 \(1229\)](#)
- [Induline DW-609 \(1601\)](#)

### 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**  
Remove resin galls.  
If necessary, impregnate non-resistant woods with a wood preservative\* (\*Use biocides safely. Always read the label and product information before use).



#### Production of the mixture



10:2 with PUR H-280 by volume (10:2 by weight)

Add hardener while stirring and homogenise the mixture for at least 2 minutes using the Remmers Patent Dispenser. Working time max. 6 hours; this may be shorter at high temperatures.

#### 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: 0.23 - 0.28 mm, material pressure: 80 - 120 bar.

Airmix spraying: nozzle size: 0.23 - 0.28 mm, spray pressure: 80 - 100 bar, air pressure: 1.2 - 2.0 bar.

After priming, apply the first intermediate coating by spraying. Once dry, carry out intermediate sanding with P280. Apply a second intermediate coat by spraying. After leaving to dry overnight, apply a finishing coat of Induline LW-700.

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

#### Tips on use



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

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.

Ensure good ventilation.

##### ■ Drying

Dust-dry: after 40 - 50 minutes

Sanding: after approx. 2 hours

Can be overcoated with a water-based finishing coat after min. 12 and max. 24 hours. At longer waiting times, interim sanding must be performed and a new intermediate coating applied.

##### ■ Thinning

The product is ready to use; dilute with 5 to 10% V-890 thinner if necessary.

#### Tools / Cleaning



Hand spray gun, automatic spraying equipment

Clean tools using WV-891 Brush Wash or V-890 Thinner.

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.

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.