



## Induline ZW-409

Opaque, water-based sealing primer and intermediate coating for spray application

Colour	Availability	
	Quantity per pallet	22
	<b>Size / Quantity</b>	<b>20 l</b>
	Type of container	Tin bucket
	Container code	20
	<b>Art. no.</b>	
white (approx. RAL 9001)	7917	■

### Application rate

110 - 170 ml/m<sup>2</sup> per coat  
(corresponds to: wet film thickness: 110 - 170 µm, dry film thickness: 40 - 60 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
- Primer and intermediate coat
- For use by professionals

### Property profile



- Good flow properties
- Good pore wetting performance
- Good build on the surface
- Very good adhesion to the substrate
- Excellent protection against discolouration caused by water-soluble substances contained in the wood
- Good sealing effect, especially on Merbau

### Characteristic data of the product

Binder	Water-emulsified alkyd resin
Density (20 °C)	Approx. 1.17 g/ml
Viscosity (20 °C)	Approx. 1500 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-209 (2498)
- Induline GW-306\* (3488)
- Induline DW-601 Aqua Stop (1725)
- Induline DW-609 (1601)
- Induline GW-201 (2491)
- Induline GW-201 WF NL (2506)
- Induline DW-691 (3070)

\*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.



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.

Ensure good ventilation.

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.

After priming, carry out light intermediate sanding.

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

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.

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.

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

Ready for overcoating: after approx. 4 hours

Low temperatures, poor ventilation and high humidity delay drying.

#### ■ Thinning

Ready to use.

Dilute with water if necessary (max. 5%).

#### 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.

Wood building elements which have been treated with an intermediate coating should not be exposed to weathering until a finishing coat has been applied.

#### Tools / Cleaning

Hand spray guns, automatic spraying equipment

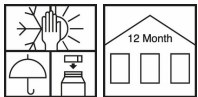


Clean tools with water or Aqua RK-898 Cleaning Concentrate immediately after use.

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 a particle filter P2 must be worn during spraying, together with protective 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/g): max. 30 g/l (2010).

This product contains < 30 g/l VOC.

VOC	
Kat.	A/g
2010:	30g/l
max.:	30g/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.