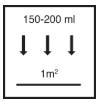
Induline ZW-504i

Transparent, water-based sealing filler for spraying

Colour	Availability				
	Quantity per pallet	96	22	4	1
	Size / Quantity	**5 l**	**20 l**	**120 l**	**900 l**
	Type of container	Tin bucket	Tin bucket	Plastic drum	Container
	Container code	05	20	68	62
	Art. no.				
clear	3453	■	■	■	■

Application rate

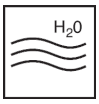


150-200 ml/m² per coat
(corresponds to wet film thickness of 150-200 µm, dry film thickness of 35-45 µm)

Range of use

- For use on interior and exterior wood
- Soft and hard woods
- Dimensionally stable wood building elements: e.g. windows and doors
- Intermediate coat for opaque and transparent systems
- Can also be used as a base coating for protected constructions
- Should not be used on kaya or merbau
- For use by professionals

Property profile



- Good flow properties
- Good build on the surface
- Good pore wetting performance
- Less discolouration due to water-soluble substances in the wood
- Reduces surface defects due to substances contained in specific wood types
- Reduces the risk of dark discolouration due to tannin reactions
- UV blockers provide greater protection for translucent colours

Characteristic data of the product

Binder	acrylate resin
Density (20 °C)	approx. 1.03 g/cm³
Viscosity (20 °C)	approx. 2300 mPa·s
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-360 (3201)
- Induline GW-209 (2498)
- Induline DW-601 Aqua Stop (1725)
- Induline LW-700 (3400)
- Induline LW-715E (1798)
- Induline LW-725 (3941)
- Induline NW-740/05 (7920)
- Induline DW-625 (1764)
- Induline DW-691 (3070)
- Induline OW-810 (3461)
- Induline GW-208 (3478)

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

Preparation

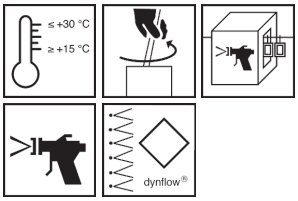
- Substrate requirements

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-209, GW-306 white or GW-201.
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.
If necessary, check compatibility with the substrate and sealing effect by applying a trial coat.
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.
A repeat application may be required in exceptional cases.
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.
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).
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.

- Drying

Dust dry: after approx. 1 hour
Ready for sanding and next coat: after approx. 4 hours
(at 23 °C and 50% RH)

When forced drying takes place, ready for sanding and next coat: 20 minutes flash-off time (at approx. 20 °C and 65-75% RH) / 75 minutes drying time (approx. 45 °C, 1 m/s air circulation) / 20 minutes cooling
Low temperatures, poor ventilation and high humidity delay drying.

- Thinning

If necessary, dilute with water (max. 5%).

Notes

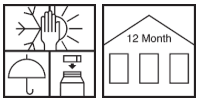
Sealing compounds must be compatible with the coating and may only be applied once the coating has dried thoroughly.
Only use sealing profiles that are free of plasticisers.

Tools / Cleaning

Spraying equipment, hand sprayer, Dynflow system

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.
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.