



Induline ZW-502i

Water-based, transparent sealing filler for flow coating and dipping



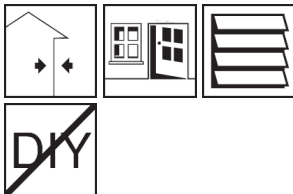
Colour	Availability					
	Quantity per pallet	22	4	1	1	1
	Size / Quantity	20 l	120 l	1000 l		
	Type of container	Tin bucket	Plastic drum	Plastic container		
	Container code	20	68	61	62	63
	Art. no.					
clear	1633	■	■	■	■	■

Application rate

80 - 100 ml/m² per coat
(equivalent to wet film thickness: 80 - 100 µm, dry film thickness: approx. 20 µm)
The application rate is dependent on the type of wood and the absorbency of the substrate.



Range of use



- For use on interior and exterior wood
- Soft and hard woods
- Dimensionally stable wood building elements: e.g. windows and doors
- Wood building elements with limited dimensional stability, e.g. folding shutters, matchboarding, summerhouses
- Intermediate coat for opaque and transparent systems
- Can also be used as a base coating for protected constructions
- For use by professionals

Property profile



- Excellent flow behaviour
- Good build on the surface
- Good pore wetting performance
- 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)

Characteristic data of the product

Runout time s (20° C, ISO 3)	28 - 30
Binder	Acrylate resin
Density (20 °C)	Approx. 1.025 g/cm ³
Odour	Characteristic
Degree of gloss	Silk gloss

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Additional information

- [Upkeep and maintenance of dipping tanks and flow coating facilities](#)
- [Information on workplace hygiene](#)

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-691 (3070)
- Induline OW-810 (3461)
- Induline GW-306* (3488)
- Induline SW-935 (3786)

*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%
Wood building elements with limited or no dimensional stability: wood moisture content max. 18%
- 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.

Stir well, including during application or after a break in work.
Immersion and flow coating.
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.
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.
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.
If the viscosity increases due to evaporation, this must be rectified by adding water (target viscosity: runout time approx. 30 s in a 3 mm ISO cup).
Dilute with up to 10% water to improve flow properties in unfavourable conditions (elevated temperatures, low humidity). Add water to make up for any moisture lost through evaporation.
If foaming occurs in the flow coating facility, it is recommended to add 0.1-0.2% VP 21490 defoaming agent - strength 4.
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 overcoating: after approx. 2 - 3 hours
(at 23 °C and 50% RH)

If forced drying is used, ready for sanding and overcoating: after approx. 20 minutes flash-off zone (at approx. 20 °C and 65 - 75% RH) / 60 minutes drying phase (approx. 45 °C, 1 m/s air circulation) / 20 minutes cooling phase
Low temperatures, poor ventilation and high humidity delay drying.
- Thinning
Dilute with water if necessary (max. 10%).

Notes

Observe the information sheets "Upkeep and Maintenance of Dipping Tanks and Flow Coating Facilities" and "Information on Workplace Hygiene".

Tools / Cleaning

Flow coating facility, dipping tank

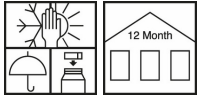


Clean tools with water or Aqua RK-898 Cleaning Concentrate immediately after use.
Ensure that any residue from cleaning is disposed of correctly.



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.

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.