



Induline GW-310 WF

Water-based coating for interior and exterior wood, for dipping and flow coating and for industrial series production



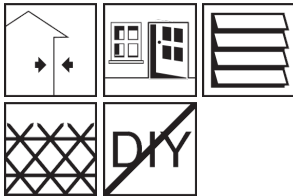
Colour	Availability				
	Quantity per pallet	96	22	4	1
	Size / Quantity	5 l	20 l	120 l	1000 l
	Type of container	Tin bucket	Tin bucket	Plastic drum	Plastic container
	Container code	05	20	68	61
	Art. no.				
jet black	3344				■
special colours	3383	■	■	■	■

Application rate

80 - 120 ml/m² per coat in at least 2 coats



Range of use



- For use on interior and exterior wood
- Dimensionally stable wood building elements (when used as a primer only): e.g. windows and doors
- Wood building elements with limited dimensional stability, e.g. folding shutters, matchboarding, summerhouses
- Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking
- Primer, intermediate and finishing coats
- For use by professionals

Property profile



- Excellent flow characteristics on untreated wood
- Outstanding (wet) adhesion
- Water-based: does not give off any unpleasant odours and tools can be cleaned with water
- Quick drying: 2 coats can be applied in one day
- Long-term protection with uniform weathering and no flaking
- With UV blocker
- Breathable
- Free from film preservation and wood protection biocides

Characteristic data of the product

Runout time s (20° C, ISO 3)	Approx. 30
Binder	Acrylate/alkyd system
Density (20 °C)	Approx. 1.02 g/cm ³
Odour	Characteristic

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

Certificates

- [DIN EN 71-3 "Migration of certain elements"](#)

Additional information

- [Nachhaltigkeitsdatenblatt](#)
- [Care and maintenance of plunge pools and flood systems](#)
- [Notes on industrial hygiene](#)

Possible system products

- [Induline SW-900* \(3776\)](#)
- [Induline LW-710 \(3987\)](#)



*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.

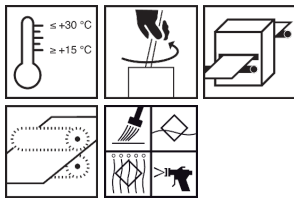
Dimensionally stable wood building elements: wood moisture content 11-15%

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).

Directions



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +15 °C to max. +30 °C.

Relative humidity: 40 % - 80 %.

Stir well, including during application or after a break in work.

Qualified specialist companies: brushing, dipping, flow-coating and spraying in closed systems only.

Apply the second coat after 2-3 hours.

When allowed to dry overnight, intermediate sanding is required.

A third coat is recommended on particularly exposed surfaces.

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 product to a trial surface and conduct a suitability test on the desired area of use.

Prior to full application, please apply a test coat to a sample area under practical conditions using the desired system, then test or examine the surface properties.

Substances in oak may bleed, causing dark discolouration, when coated with water dilutable dispersion stains.

Apply forced drying to tannin-containing woods.

The best flow results on Accoya, oak and chestnut are achieved at a pH value of 9.0–9.5, corresponding to an additive content of 0.3–0.5% VP 20829 Additive (0366).

If the viscosity increases due to evaporation, this must be remedied with water (target viscosity: runout time approx. 25 s in ISO 3 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 system, it is recommended to add 0.2-1.0% VP 9325 defoaming agent - strength 2.

■ **Drying**

Overcoating: after approx. 2.5 hours

If forced drying is applied, can be overcoated: after approx. 90 mins (20 mins dripping off time/50 mins drying time (35–40 °C)/20 mins cooling time)

Practice values at +20 °C and 65% relative humidity.

Low temperatures, poor ventilation and high humidity delay drying.

■ **Thinning**

Ready to use

Notes

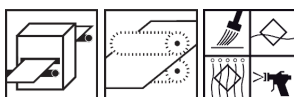
DIN EN 71-3 "Migration of certain elements":

This product complies with the limits for the migration of heavy metals to children's toys according to DIN EN 71-3 and thus fulfills one of several further requirements for the safety of children's toys according to the EU "Toy Directive" (2009/48/EC).

On planed larch and softwoods with a high resin content, the coating may have reduced adhesion and resistance to weathering. This is especially the case on horizontal year rings, knots and areas of winter growth that are high in resin. Maintenance and renovation must be carried out more frequently on these surfaces. The only remedy for this is pre-weathering or very coarse sanding (P80). If these wood types are rough-sawn, considerably longer maintenance and renovation intervals are to be expected.

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

Tools / Cleaning



Paintbrush, dipping tank, flow coating facility, sprayer, vacuum equipment, applicator

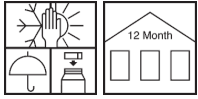
Clean tools with water or Aqua RK-898 Cleaning Concentrate immediately after use.

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 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.

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.

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.