



Induline DW-610

Water-based, insulating low-build varnish for use as primer, intermediate and finishing coat



Colour	Availability			
	Quantity per pallet	200	96	22
	Size / Quantity	2,5 l	5 l	20 l
	Type of container	Tin bucket	Tin bucket	Tin bucket
	Container code	03	05	20
	Art. no.			
anthracite grey (RAL 7016)	2481		■	■
white (RAL 9016)	2482		■	■
special colours	3456	■	■	■
Base A (pre-filling 98%)	015039	■	■	■
Base C (pre-filling 92%)	015041	■	■	■

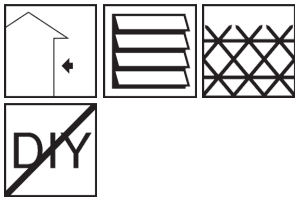
Application rate

50 - 150 ml/m² per coat
 Brush application: 50 - 80 ml/m²
 Spray application: 120 - 150 ml/m²



These values refer to sanded pine. For planed or rough-sawn wood, the values will be lower or correspondingly higher.

Range of use



- For use on exterior wood
- 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
- Especially suited to spruce, fir, Douglas fir, oak, pine and larch
- Please get in touch with the Remmers Technical Service team before using on other, exotic species of wood not named here
- For use by professionals

Property profile



- Easy to apply
- Good flow properties
- Elegant gloss yet maintains the structure of the wood (after three coats)
- Water vapour diffusion capable
- Film preserver protects against microbial damage
- Good resistance to yellowing and chalking
- Special combination of binding agents creates an extremely hard-wearing surface
- Does not flake
- Subsequent treatment without sanding

Characteristic data of the product

Binder	Special acrylates
Density (20 °C)	Approx. 1.27 g/cm ³ (Base A) Approx. 1.03 g/cm ³ (Base C)
Odour	Characteristic

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

Additional information

➤ [Nachhaltigkeitsdatenblatt](#)

Possible system products

➤ [Induline SW-900* \(3776\)](#)



- > Induline SW-900 IT* (3781)
- > Induline SW-910 (3777)
- > Induline GW-310* (3385)

*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.

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

■ **Substrate preparation**

Thoroughly remove any dirt, grease and non-adhering old coatings.

Sand grey and weathered wood surfaces down to sound, bright wood.

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

Observe BFS Code of Practice No. 18 "Coatings on Wood and Wooden Working Materials in Outdoor Areas".

Remove any loose and torn knots as well as resin that bleeds from the wood and clean with a suitable product (e.g. V 101 Thinner, a nitrocellulose or universal thinner).

Directions



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +15 °C to max. +25 °C.

Stir well.

Apply by brushing or spraying.

Airless spraying: nozzle size: 0.28 mm, material pressure: 80 - 120 bar.

Airmix spraying: nozzle size: 0.28 mm, material pressure: 60-100 bar, atomiser air pressure: 1.2-2.0 bar.

Flow cup gun: nozzle size: 1.8-2.0 mm, atomiser air pressure: 2-2.5 bar

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.

Ensure good ventilation.

For the best possible insulation from soluble substances in wood (surface and knots) the higher values for number of coats, application rates and drying times must be observed. Coating with this product may activate the substances contained in the wood and discolour the paint layer. In this case these substances are fixated inside the paint layer. The follow-up coating should ideally be carried out using a product that supports the insulating properties of this product. This will usually prevent further impairment of this top coat by the substances in the wood. Should discolouration continue to occur despite this advice being followed, we recommend consulting Remmers Technical Service. Bleeding resin is a natural phenomenon and cannot be prevented by coating measures, see BFS Code of Practice No. 18. Dilution of the product, excessive wood moisture, or failure to comply with the recommended coating sequence, application rates and drying times can have a significant negative impact on the insulating effect of the product. Intermediate sanding should go no further than smoothing the wood fibres – the primer must never be sanded away. With water-based coating systems there is always a residual risk of bleeding of substances contained in the wood!

Do not use in direct sunlight.

■ **Drying**

Dust-dry: after approx. 1 hour

Ready for overcoating: after approx. 4 hours

Practice values at 23 °C and 50% relative humidity.

If forced drying is used, can be sanded and overcoated: after 20 minutes flash-off zone (at approx. 20 °C and 65 - 75% RH) / 75 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**

Ready to use; if necessary, dilute with water (max. 5%).

Notes

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.



Tools / Cleaning



Airless/airmix sprayer, flow cup gun, brush with synthetic bristles
 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 as "treated goods" a biocidal product (film preservative) with the biocidal active agent 3-iodo-2-propynyl butylcarbamate to protect the film from contamination by microbial organisms (algae, mould etc.). Always follow the directions carefully!

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/d): max. 130 g/l (2010).
 This product contains < 130 g/l VOC.

VOC	
Kat.	A/d
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.