



Induline DW-625

Water-based, opaque intermediate and final coat for front doors with increased resistance to scratches and hand cream



Colour	Availability			
	Quantity per pallet	192	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.			
20 matt				
white (RAL 9016)	1764		■	■
special colours	1765		■	■
special colours Cool+	1763		■	■
Base A (pre-filling: 98%)	015013	■	■	■
Base C (pre-filling: 92%)	015015	■	■	■
50 silk gloss				
white (RAL 9016)	1766		■	■
special colours	1767	■	■	■
special colours Cool+	1760		■	■
Base A (pre-filling: 98%)	015017		■	
Base C (pre-filling: 92%)	015019		■	
35 silk matt				
Base A (pre-filling: 98%)	1747		■	
Base C (pre-filling: 92%)	1748		■	

Application rate

150 - 200 ml/m² (plus spraying loss)
(corresponds to a wet film thickness: 150 - 200 µm, dry film thickness: 55 - 70 µm)



Range of use



- For use on interior and exterior wood
- Dimensionally stable wood building elements: front doors
- Intermediate and finishing coats
- Not suitable for wooden windows
- For use by professionals

Property profile



- Single component: economical and easy to apply
- Excellent flow properties
- Good resistance to yellowing and chalking
- Weather resistant
- Added bonus of being resistant to scratches and hand cream when surface is subjected to normal use
- Very high resistance to metal rings
- Surfaces do not become shiny
- Resistant and long-lasting thanks to a special polyurethane binding agent
- Highly resistant to temporary water stains
- Compatible with the Induline coating system



Characteristic data of the product

Viscosity (20 °C; 29 s-1)	Approx. 2800 mPas (RAL 9016/Base A); approx. 5000 mPas (Base C)
Binder	PU/acrylate polymers
Density (20 °C)	Approx. 1.18 g/cm ³ (RAL 9016/Base A) Approx. 1.03 g/cm ³ (Base C)
Odour	Characteristic
Degree of gloss	Matt/silk gloss

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](#)

Possible system products

- > [Induline SW-900* \(3776\)](#)
- > [Induline GW-201 \(2491\)](#)
- > [Induline GW-209 \(2498\)](#)
- > [Induline ZW-425 \(7918\)](#)
- > [Induline GW-306* \(3488\)](#)
- > [Induline GW-360 \(3201\)](#)
- > [Induline ZW-504i \(3453\)](#)
- > [Induline ZW-507i \(1636\)](#)
- > [Induline Perfect Finish \(1879\)](#)

*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).

Pre-treat using a suitable primer & intermediate coat and carry out intermediate sanding if necessary.

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 before using.

The values given are based on undiluted material. The best spraying pattern is achieved if the material has a temperature of 15-20 °C.

Airless spraying: nozzle size: 0.28-0.33 mm; material pressure: 90-120 bar.

Air-mix spraying: nozzle size: 0.28-0.33 mm; material pressure: 70-90 bar, atomiser air pressure 1-2 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.

Do not use in direct sunlight or at temperatures below +15 °C or above +30 °C.

To avoid thicker coats, e.g. in the case of full-tone colours, pretreat with translucent primer rather than white primer.

Then add the coloured topcoat as the intermediate coat.

To prevent coloured substances contained in the wood from showing through, use a suitable primer and intermediate coating with a sealing effect on white or light-coloured surfaces.

With water based coating systems, there is always a residual risk that substances contained in the wood will cause discolouration.

The viscosity of the product may vary considerably depending on the colour selected. These variations are due to the pigment and usually only have a very minor impact on the stability.

For the best spraying results, use a nozzle size of 0.28 mm and pressure of 90 bar.

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.

The specifications of VFF Code of Practice HO.03 must be observed with regard to the permitted dry layer thicknesses.

■ **Drying**



Dust-dry: after approx. 1 hour
 Ready for sanding and 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

■ **Thinning**

Ready to use

Notes

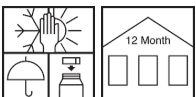
DIN EN 71-3 "Migration of certain elements":
 This product complies with the limits for the migration of heavy metals to children's toys according to DIN EN 71-3 and thus fulfils one of several further requirements for the safety of children's toys according to the EU "Toy Directive" (2009/48/EC).
Sealing:
 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.
Production of corrective lacquers:
 In order to repair minor damage to the lacquer (e.g. during installation), mix Induline NW-740/05 with 5% VP 20282 brushable additive (0362).
Care and maintenance:
 Wood is subjected to great climatic and environmental stresses when outdoors. The coat is susceptible to the processes of natural ageing, wear and decomposition. Decomposition takes place at different speeds, depending on the stress (weak, average, strong) placed on the wood building element. Weathering stages may vary according to the part or element affected. To give wood the longest and best possible protection it is advisable to examine surfaces every year. Any damage found should be addressed immediately after cleaning. For cleaning and care, we recommend the care set for doors (2746).
 Apply a reconditioning coat of Aqua DL-65 Opaque Top PU.
 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).

Tools / Cleaning



Hand spray gun, 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 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.

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.