

Technical Data Sheet
Art. No. 1764 - 67

Induline DW-625

Water based, PU based, opaque, single component, intermediate coat and finish for house doors. Highly resistant to scratches and hand cream.



Water based



For use
Indoors and
outdoors



For exterior
doors



Airless/airmix
spraying



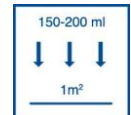
Stir well before
using



Working
temperature



Drying time,
worked over
after 4 hours



Application
rate per coat



Shelf-life



Store frost-free
and cool,
protected from
moisture in
closed containers

Range of use

Induline DW-625 is used for intermediate and finishing coats on exterior doors made of wood that are subjected to heavier mechanical loads.

Property profile

Induline DW-625 is a water dilutable, moisture regulating finishing lacquer. The product is UV and weather resistant, permanently elastic and does not chalk. A high quality, resistant surface is produced by the special binders. The door is protected from normal mechanical loads by a robust and hardwearing layer of lacquer.

Characteristic data of the product

Density:	approx. 1.03 - 1.14 g/cm ³ at 20 °C
Viscosity	approx. 1800 - 2700 mPa s at 20 °C
Degree of gloss:	60°/20 = DW-625/20 60°/50 = DW-625/50
Packaging:	2.5 l, 5 l, 20 l tin cans
Colours:	1764 DW-625/20 RAL 9016 traffic white, silk gloss 1765 DW-625/20 coloured, matt 1766 DW-625/50 RAL 9016 traffic white, silk gloss 1767 DW-625/50 coloured, silk gloss

- Economical because it's single component and easy to apply
- Tough-elastic & scratch resistant
- Resistant to many commercially available hand creams.
- Resistant to weathering when applied to house doors
- Good flow properties
- Compatible with the Induline coating system

Directions

Impregnate soft wood as well as all other types of wood that are sensitive to fungi in outdoor areas with a wood preservative. To prevent water soluble substances from bleeding in the wood that is rich in

such substances, apply an intermediate coat of Induline ZW-400. After drying (at least 8 hours at 20 °C/65 % relative humidity), further coating with Induline DW-625 can be carried out. If the intermediate coat is allowed to dry for several days, we recommend sanding with P320 grit sandpaper before applying the finish.

Permissible wood moisture:
Max. 15 % for soft wood and max. 12 % for hardwood.

The substrate must be clean and free of grease, wax and silicone. Stir Induline DW-625 well before using.

Airless equipment:
Nozzle size: 0.28 - 0.33
Material pressure: 80 - 120 bar
Air-mix equipment:
Nozzle size: 0.28 - 0.33
Material pressure: 80 - 100 bar
Air pressure: 1.0 - 1.5 bar

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

Carry out a trial coating to check compatibility with the substrate.

Notes

Do not use Induline DW-625 in direct sunlight or at temperatures below 15 °C or above 30 °C. Relative humidity should not exceed 85 %. Ensure good ventilation, especially in series production. Sealing materials must be compatible with the coating and should only be applied after the coating has thoroughly dried. Gaskets that contain plasticizers have a tendency to stick to dispersion lacquers, so use plasticizer-free gaskets. Substances in oak may bleed when coated with water dilutable, dispersion lacquers, causing dark stains. Preliminary trials are recommended, also for other species of wood.

Tools, cleaning

Hand spray guns, automatic spraying facilities. Clean tools immediately after use with water and a detergent and dispose of the remains from cleaning properly.

Application rate

Approx. 150 - 200 ml/m² per coat

Wet film thickness:
Approx. 150 - 200 µm

Dry film thickness:
Approx. 55 - 70 µm
These values apply to undiluted material.

Drying

Dust dry: approx. 1 hour
Touch dry: approx. 2 hours
Coated over: approx. 4 hours
Practice values at 20 °C/65 % relative humidity.
Low temperatures and high humidity delay drying.

Thinning

If necessary with water (max. 5 %)

Shelf-life

One year in unopened, original containers stored dry, cool and protected from frost.

VOC content

EU limit value for the product (Cat. A/d): 130 g/l (2010).
This product contains max. 60 g/l VOC.

Safety data

Take the usual precautionary measures when working and for storage. Personal protective equipment is required for spraying procedures – respiratory protection with a P2 particle filter (made by e.g. Dräger). For suitable protective gloves, see Safety Data Sheet. Wear closed working clothes.

Product Code: M-LW 01

Disposal

Dispose of leftover product in compliance with valid regulations. Completely empty containers should be recycled.

Labelling

Water hazard class (WGK): 1
ADR: n.a.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.



Remmers (UK) Limited Crawley
United Kingdom
Tel: +44 (0) 1293 594 010
Fax: +44 (0) 1293 594 037
www.remmers.co.uk

1764 Induline DW-625_11.16