

Technical Information Sheet

Aidol® Induline ZW-500

Art.No. 3469

Water dilutable, colourless filler for flow coating or dipping process.

Properties:

Moisture regulating bonding agent with good filling properties. A closed and even surface is achieved if porous wood is treated with Aidol Induline ZW-500 followed by an intermediate and finishing coat.

Range of use:

For the intermediate coating of dimensionally stable and non-stable building elements in the flow coat or dipping process. For hard and softwood, interior and exterior, for which a subsequent treatment is intended, e.g. windows, doors, etc.

Working Instructions:

Flow coat or dipping process on pretreated wood (white or coloured preparation). Soft wood, especially pine wood, and wood that is sensitive to fungus in outdoor areas should be impregnated with a wood preservative. The surface must be clean and free of grease, wax and silicone. Wood moisture in soft wood should not exceed 15% and in hard wood 12%.

The best spraying results are achieved at temperatures (air and substrate) of +15°C and a 65% relative air humidity.

Application viscosity: approx. 12 sec., cup DIN 4; approx. 57 sec., cup DIN 2 at +20°C.

In order to ensure optimal flowing properties, the coated building elements should be hung in a decline of 30°. Compatibility with the substrate should be tested with a trial coating or trial spraying

Application rate:

Application rate: approx. 100 - 125 ml/m²
Wet film thickness: approx. 100 - 125 µm
Dry film thickness: approx. 20-30 µm

The values given refer to undiluted material.

Drying:

Dust dry: after approx. 1 hour
Can be sanded: after approx. 4 hours
Can be worked over: after approx. 4hours

Practice values at +20°C/65% relative humidity. Lower temperatures and higher humidity delay drying.

Forced drying at + 30 °C: approx. 45 minutes.

Thinning:

If necessary, thin with max. 5% water.

Shelf-life:

At least 1 year in closed, original containers stored dry and frost-free.

Specifications:

Density: approx. 1.03 g/cm³ at +20°C
Viscosity: approx. 12 sec., cup DIN 4, at +20°C
 approx. 57 sec., cup DIN 2, at +20°C
pH-value: approx. 8.5
Solid content: approx. 25%
Odour: mild, odourless after drying
Packaging: 20 l tin containers, 120 l plastic drums
Colour: milky, colourless after drying

Notes:

Intermediate sanding with 150-180 grade sandpaper is necessary for subsequent coating. Make sure that there is sufficient ventilation, especially in mass production facilities. Sealing materials must be coating-compatible and may only be applied after the coating has completely dried. Gaskets with plasticisers tend to stick to dispersion varnishes, so use plasticiser-free gaskets.

The guidelines in the BSF Code of Practice No. 18 "Coatings on dimensionally stable exterior wooden building elements, especially for windows and outer doors" and No. 3 "Coatings on dimensionally non-stable exterior wooden building elements", published by the Bundesausschuß Farbe und Sachwertschutz e.V., Frankfurt/Main in the current edition, apply in regard to the requirements of a coating.

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Tools/equipment and cleaning:

Flow coat installations, dipping basins. Dipping installations must be provided with an anticorrosive coating, or be made of special steel, resp. synthetic material. Clean tools/equipment immediately after use with water and detergent. Dispose of any remains from cleaning properly

Safety data:

The usual precautionary measures are to be observed when using and for storage.

Product Code: M-KH 01

Disposal:

Dispose of product remains according to current prescriptions. Completely empty metal containers can be recycled.

Ecology:

Do not lead into bodies of water, the sewer system or the ground.

WGK = 2 (self-assessment)

Declaration:

Regulations concerning hazardous working materials:

-/-

GGVS/ADR:

-/-

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.