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Technical data sheet

ADLER
Paint runs through our veins.

Aquawood MS-Tauchlasur 53230 ff

Water-based medium-film wood finish for **industrial** and **professional** use

PRODUCT DESCRIPTION

General

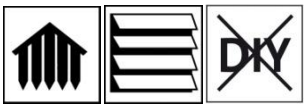
Water-based medium-film wood finish based on acrylate and oil-modified PUR dispersion (approx. 30 µm dry film thickness). Very good weathering resistance and uniform degradation from exposure to weather. Very easy to renovate. Very good non-sag properties.Particularly uniform colouring on softwood with different absorption effects. The impregnation prevents grey and black stains.

Special properties

- The coat is protected against blue stain and mould.

  Active substances
  0.3 % (0.3 g/100 g) iodpropinyl butylcarbamate (IPBC)

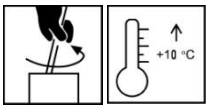
Application areas



- For non-dimensionally stable and limited dimensionally stable timber components in the outdoor area such as wooden houses, wood cladding, canopies, fences, window shutters, balconies, gates, etc. in usage classes 2 and 3 without ground contact.

PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- If the ready-to-use product is diluted, an additional product application must be used in order to be able to still ensure the required quantity applied.
- Please observe our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements”** along with standards and guidelines for window construction and the **“Guidelines for the use of wood preservatives”**.

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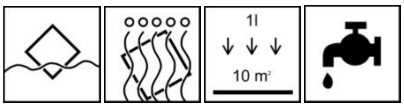
ADLER-Werk Lackfabrik, A-6130 Schwaz
Tel: 0043/5242/6922-190, Fax: 0043/5242/6922-309, email: technical-support@adler-lacke.com

Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for modification of the container sizes, colour shades and degree of gloss.

Application technique



Application method	Immersion	Flow coating
Viscosity (s) 4-mm cup, 20° C	12 – 14	
Dilution (thinning)	water	
Addition of thinner in %	up to max. 20 %	
Yield per application (g/m)[2)1)]	approx. 100	
Yield (m²/l)	10	
[1)] yield without addition of thinner		

The product is ready for use.

Attention: Do not spray product!

Attention: If the product is sprayed on, an A2/P3 respirator mask must be used.

The shape, properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)

Dust-dry (ISO 1517)	after approx. 30 min.
Tack-free	after approx. 3 hours
Dried through	after approx. 12 hours

Lower temperatures and / or high level of atmospheric humidity can increase the drying time considerably.

Avoid direct sunlight (very quick drying).

Cleaning the working equipment

With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe (Red Crow) 95125.

SUBSTRATE

Type of substrate

Softwood planed, sanded or rough sawn

Substrate property (or condition)

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

Wood moisture

12 to 15 %

COATING SYSTEM

Primer coat

1x Aquawood TIG HighRes 5432
or

if necessary, apply 1 coat of Pullex Imprägnier-Grund 4436000200 (applicable to wood types of durability class according to EN 350-2, 3 – 5) to protect against blue stain, fungal decay and insect infestation.

Intermediate drying: 4 hours

Please observe the respective technical data sheets of the products.

Intermediate sanding	Grit size 280
Intermediate coat	1x Aquawood MS-Tauchlasur farbig 53230 ff Intermediate drying: approx. 3 hours
Applying the topcoat	1x Aquawood MS-Tauchlasur farbig 53230 ff

MAINTENANCE AND RENOVATION

Maintenance

The durability depends on several factors: these include particularly the type of weathering, constructional protection, mechanical stress and the choice of colour applied. To obtain long durability, preservation work is necessary in time. Therefore we recommend annual maintenance.

If required, remove dust and dirt from the still intact areas and paint 1 x with Pullex Aqua-Plus 53101 ff.

Please follow our **"Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Durability, care and renovation"**.

Please observe the respective technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

25 kg;

Colours / Degree of gloss

The final colour is basically obtained from the inherent colour of the wood, the colour of the dip impregnation and the colour of the finishing coat.

It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour.

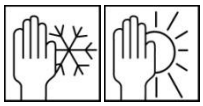
Farblo (colourless) 53231
Toskana 53230
Lärche (Larch) 53232
Gelb (yellow) 53234
other colours on request

Supplementary products

ADLER Aqua-Cleaner 80080
ADLER Abbeizer Rote Krähe 95125
Aquawood TIG HighRes 5432
Pullex Aqua-Imprägnierung farblos 51320
Pullex Aqua-Plus 53101 ff

FURTHER DETAILS

Durability / storage



At least 1 year in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30°C).

Technical specifications

Delivery viscosity approx. 12 – 14 s (4-mm cup, 20°C)

VOC content threshold for Aquawood MS Tauchlasur (Cat. A/e): 130 g/l (2010). Aquawood MS Tauchlasur < 90 g/l VOC.

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Safety-related information

Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

The product is only suitable for industrial and professional use.

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