

DESCRIPTION

IJmodur BM is a moisture curing coating based on aromatic prepolymers.

PRINCIPAL CHARACTERISTICS

- One component moisture curing coating for special applications;
- Very fast curing;
- Easy to apply by brush, roller or spray;
- Fills woodgrain;
- May be recoated and sanded 2 hours after application;
- May be recoated with Double Coat Dubbel UV, Jachtlak PU or Zijdeglansvernis PU;
- May be used as scratch resistant coating for parquet flooring, staircases, etc.;
- Resistant to various chemicals;
- Also suitable as coating system for moulds for pre-fabricated concrete parts.

COLOURS AND GLOSS

Transparent - High gloss

BASIC PROPERTIES (AT 23 °C AND 50% R.H.)

Density	: approx. 1,0 g/cm ³
Solid content	: approx. 41 % (volume)
Recommended d.f.t.	: 30 - 50 µm (dry), depending on application, see additional information
Dust dry after	: approx. 10 minutes
Full cure after	: approx. 2 days, see additional information
Recoating interval	: min. 2 hours, see additional information max. unlimited, provided gritpapered, clean and dry
Shelf life	: separate components, stored cool and dry in original packaging, minimum 6 months
Flash point (DIN53213)	: 27 °C

SPREADING RATE

At 30 µm (d.f.t.)	: 13,7 m ² /l
At 50 µm (d.f.t.)	: 8,2 m ² /l

The practical spreading rate depends on a number of variables, such as: shape and size of object to be painted, the condition and profile of the substrate, the method of application, climatologic conditions and skill of labour.

SUBSTRATE CONDITION AND TEMPERATURE

Wood : dry and free from contamination, oil, dust and loose particles and sanded with grit paper P180-240;

During application and curing a minimum temperature of 10 °C is allowed. The temperature of the substrate should be minimum 3 °C above dew point.

INSTRUCTIONS FOR USE

Before use, mix thoroughly.

Application with :

	Brush/roller	Air spray	Airless spray
Type thinner	Brush thinner	Spray thinner	n.a.
% of thinner	0 - 5 %	0 - 10 %	n.a.
Nozzle orifice	n.a.	1,2 - 1,4 mm	n.a.
Nozzle pressure	n.a.	2 - 3 bar	n.a.
Cleaning	Brush thinner	Spray thinner	n.a.

ADDITIONAL INFORMATION

- Recoating and curing of IJModur BM

	5 °C	10 °C	20 °C	25 °C
Minimum	8 hours	4 hours	2 hours	2 hours
Maximum, after sanding with grit paper P320-P400	unlimited	unlimited	unlimited	unlimited
Fully cured after	4 days	3 days	2 days	2 days

At a low relative humidity curing will be slower. At a high relative humidity curing will be faster.

- Recommended filmthickness
The recommended filmthickness in this datasheet is for each separate layer and depends on application method. How many layers are recommended depends on the field of application, the exposure conditions and type of substrate. The total necessary number of layers can be found in the paint system recommendation.
- Pot life
IJmodur BM is a moisture curing material. Material in a open or poorly closed can will react slowly with moisture and cure. Due to this reaction viscosity will increase.
- Types of wood
IJmodur BM is not suitable as primer for teak or oak wood.
- Special note
When in contact with moisture IJmodur BM will react under the release of CO₂ and closed cans may build up pressure. Open these cans carefully.

SAFETY INFORMATION

See the corresponding Material Safety Data Sheet for detailed instructions on safety, disposal and health.

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Disclaimer

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