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I. Material description:

Type: Water-thinnable translucent paint coating, thick-coat, semi gloss

Application: High gloss varnishing top coat intended for the wood processing industry, for such products as windows, doors, profile boards, etc. To be used for such wood species as: spruce, pine, Dark Red Meranti, oak, Hemlock, Oregon Pine, Sipo Mahagoni.
Other wood species: upon request.

Important features:

- Diffusion capabilities
- Very high gloss
- Improved stability
- Good UV resistance
- Highly elastic

Color: In accordance with your request (colorless only for indoor use)

Packaging unit: 20 liters, 120 liters

II. Technical data:

Vehicle: Modified acrylic resin

Gloss level (60°): Semi gloss (30 to 40)

Density: 1.03 g/cm³ (± 0.02) at 23°C

Solids content: 34 % (± 2.5) by volume at 23°C

Dilution: Tap water, not necessarily needed

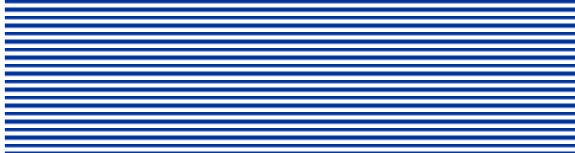
Tool cleaning: Tap water
(if the material gets dry use thinner SIGMA 91-11)

pH value: 8.8 (± 0.5) at 23°C

Flash point (acc. to ISO 1523): N.A.

Theoretical spread rate: about 3.5 m²/l with 275 µm (wet); 95 µm (dry)
about 3.3 m²/l with 300 µm (wet); 102 µm (dry)

Storage: In tightly closed original packaging, in a cool, dry and frost free room the minimum shelf life is 12 months.



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III. Application instructions:

Drying time (at 23°C and 50% relative air humidity):

Dust dry: about 1 hour
 Non-tacky after: about 2 hours
 Dry for further treatment after: about 4h hours / next day / in a 3 coat system

Forced drying (at 35°C and 40% relative air humidity):

Dry for further treatment after: about 2 to 4 hours in a blow drier

Spraying method:

| Spraying | Pressure bar | Nozzle size | |
|------------------|--------------|-------------|-------|
| | | mm | in |
| Airless / Airmix | 90 – 120 | 0.28 | 0.011 |
| | 90 – 120 | 0.33 | 0.013 |

Quantity to be applied:

| Wet μm | Dry μm | Consumption ml/m ² (no losses) |
|-------------------|-------------------|---|
| about 275 to 300 | about 95 to 102 | about 275 to 300 |

Application temperature:

Do not apply at temperatures below 15°C (this refers to both substrate and ambient temperature). The drying time can be longer at lower temperatures.
 Max. air humidity 75%

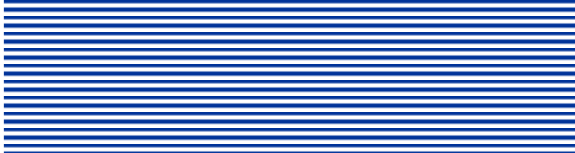
Substrate condition:

The substrate must be dry and clean. Wood humidity should be between 11 and 17%.

IV. Structure of coats:

| | | |
|--------------------|--|---|
| Primer: | Rustikal Concept Grund // Rustikal Concept Grund Konzentrat | Rustikal Concept Grund // Rustikal Concept Grund Konzentrat |
| Intermediate coat: | Rustikal Concept Füller // Rustikal Concept Universal | Rustikal WS Sealer // Rustikal Concept Intermediate // Rustikal Concept Intermediate Plus |
| Top coat: | Rustikal Concept Top R2 | Rustikal Concept Top R2 |





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| | | |
|--------------------|---|---|
| Impregnation coat: | Rustikal Concept Conditioner | Rustikal Concept Conditioner |
| Primer: | Rustikal Concept Grund // Rustikal Concept Grund Konzentrat | - |
| Intermediate coat: | Rustikal Concept Füller // Rustikal Concept Universal// Rustikal WS Sealer // Rustikal Concept Intermediate // Rustikal Concept Intermediate Plus | Rustikal Concept Füller // Rustikal Concept Universal// Rustikal WS Sealer // Rustikal Concept Intermediate // Rustikal Concept Intermediate Plus |
| Top coat: | Rustikal Concept Top R2 | Rustikal Concept Top R2 |

When applying on coniferous wood or hardwood strength classes 3 to 5, a coat of Rustikal Concept Grund (-Konzentrat) should be applied as primer.

V. Other information:

All data and guidelines concerning safety requirements and waste disposal should be obtained from current EU safety data sheets. Differences in the consumption of the material can result from substrate absorptivity differences and the material application method used.

Please remember that pigment free and very light, transparent paints are not suitable for outdoor use due to higher UV transmittance.

The data contained herein reflect the state-of-the-art in technology. Due to the diversity of material application methods and areas of use no legal liability can be accepted. This publication cancels any data relating to this product contained in previous technical data sheets.

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