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### I. Material description:

Type:	Water-thinnable transparent intermediate coat applied by dipping and flow coating.
Application:	As insulating primer and intermediate coat for raw wood. Wood systems available upon request.
Important features:	<ul style="list-style-type: none"><li>- Insulating</li><li>- Hydrophobic</li></ul>
Color:	In accordance with your request.
Packaging unit:	20 liters, 120 liters

### II. Technical data:

Vehicle:	Modified alkyd resin
Density:	1.05 g/cm <sup>3</sup> (± 0.02) at 23°C
Solids content:	34 % (± 2.5) by volume at 23°C
Dilution:	Tap water (30-40%)
Tool cleaning:	Tap water (if the material gets dry use thinner SIGMA 91-11)
pH value:	7.5 (± 0.5) at 23°C
Flash point (acc. to ISO 1523):	N.A.
Theoretical spread rate: (+ 30% water)	Flow coating: about 10.5 m <sup>2</sup> /l with 100 µm (wet); 25 µm (dry) about 13.0 m <sup>2</sup> /l with 80 µm (wet); 20 µm (dry)
Storage:	In tightly closed original packaging, in a cool, dry and frost free room the minimum shelf life is 12 months.

### III. Application instructions:

Drying time (at 23°C and 50% relative air humidity):  
 Dust dry: about 30 min  
 Non-tacky after: about 4 hours  
 Dry for further treatment after: about 16 hours / next day

Forced drying (at 35°C and 40% relative air humidity):  
 Dry for further treatment after: about 2 hours in a blow drier

Viscosity (20°C):  
 about 13 to 16 sec., 4 mm Ford viscosity cup  
 about 22 to 24 sec., 3 mm Ford viscosity cup  
 (+ 30 to 40 % water)

Quantity to be applied:	Method	Consumption ml/m <sup>2</sup> (no losses)	Spreading rate m <sup>2</sup> /l
	Dipping/ Flow coating	about 80 to 100	about 10.5 to 13

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 WS Sealer	Rustikal WS Sealer (2 x)
Top coat:	Rustikal Concept Top // PA // R2	Rustikal Concept Top // PA // R2

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Impregnation:	Rustikal Concept Conditioner	Rustikal Concept Conditioner
Primer:	-	Rustikal Concept Grund // Rustikal Concept Grund Konzentrat
Intermediate coat:		Rustikal WS Sealer Rustikal WS Sealer /
Top coat:	Rustikal Concept Top // PA // R2	Rustikal Concept Top // PA // R2

When applying on coniferous wood or hardwood strength classes 3 to 5, a coat of Rustikal Concept Grund 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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