

## Rustikal Concept Top Premium

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July 2005

### I. Material description

Type: Water-dilutable transparent paint coat with silky gloss.

Application: Varnishing surface glossy coat for wood processing industry e.g. for windows, doors, moulded panels, etc. For use on such kinds of wood as: spruce, pine, Dark Red Meranti, oak, Hemlock, Oregon Pine, Sipo Mahagoni.  
For other types of wood: on request.

Important features:

- Diffusing abilities
- Very high gloss
- Improved stability
- High resistance to UV radiation
- High flexibility
- Anti-gluing resistance
- Core-Shell Technology

Colour: interiors) According to your wishes (colourless paint only for

Packaging unit: 20 litres, 120 litres,

### II. Technical data

Paint vehicle: PU modified acrylic resin

Gloss degree (60°) Silky gloss (25-35)

Density: 1.03 g/cm<sup>3</sup> (± 0.02) at temp. 23°C

Solid particles content: 34 % v/v. (± 2.5) at temp. 23°C  
36% by weight (± 2.5) at temp. 23°C

Diluting: Tap water

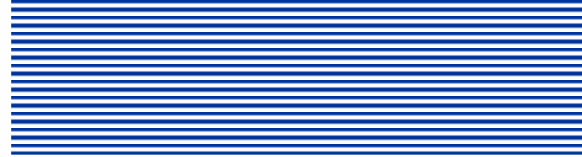
Washing tools: Tap water  
(when dry – SIGMA 91-11 diluent)

pH value: 9.3 (± 0.5) at temp. 23°C

Flash point (according to ISO 1523):NA

Theoretical yield: ca. 3.6 m<sup>2</sup>/l at 275 µm (wet);94 µm (dry)  
ca. 3.3 m<sup>2</sup>/l at 300 µm (wet); 102 µm (dry)





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Storage In a tightly closed, original container, in a cool and dry place, protected from frost – at least 12 months

### III. Application guidelines

Drying time (at temp. 23°C and 50% of relative humidity of air):  
 Dust-dryness ca 1 h  
 Anti-gluing resistance: ca 2 h  
 Further processing after: ca 4 h / on the next day in a three-layer arrangement

Quicker drying at temp. 35°C and 40% relative air humidity):  
 Further processing after: ca 2-4 h in a blow-in dryer

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

Amount to be applied:	Wet µm	Dry µm	Use, ml/m <sup>2</sup> (no loss)
			ca. 275-300

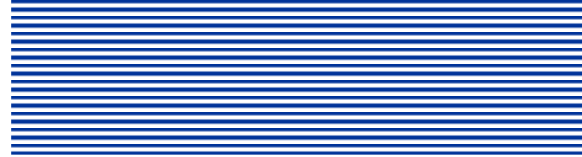
Temperature of application: Do not apply when the temperature drops below 15°C (temperature of the base and surroundings). Lower temperatures may bring about a prolongation of the drying time.  
 Max. air humidity – 75%

Base features: The base must be clean and dry. Wood humidity should range from 11 – 17%.

### IV. Layer structure:

Prime coat	Rustikal Concept Grund	Rustikal Concept Grund Konzentrat
Intermediate coat:	Rustikal WS Sealer – WS Sealer II Rustikal WS Color Rustikal Concept Intermediate Rustikal Concept DSL	Rustikal WS Sealer – WS Sealer II Rustikal WS Color Rustikal Concept Intermediate Rustikal Concept DSL
Surface coat	Rustikal Concept Top Premium	Rustikal Concept Top Premium





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Impregnation	Rustikal Concept Conditioner	Rustikal Concept Conditioner
Prime coat	Rustikal Concept Grund	Rustikal Concept Grund Konzentrat
Intermediate coat	Rustikal WS Sealer – WS Sealer II Rustikal WS Color Rustikal Concept Intermediate Rustikal Concept DSL	Rustikal WS Sealer – WS Sealer II Rustikal WS Color Rustikal Concept Intermediate Rustikal Concept DSL
Surface coat	Rustikal Concept Top Premium	Rustikal Concept Top Premium

When the softwood or hardwood of the resistance classes 3 – 5 is used, Rustikal Concept Grund (-Konzentrat) should be used as prime coat.

### V. Other information

Any data and guidelines concerning the safety requirements and waste removal should be taken from the relevant European Union safety datasheets. Any differences in the use of material may result from different values of base absorbability and the method of material application.

It should be borne in mind that the very light translucent paints, without a pigment, are not fit for use outside buildings because of their higher UV radiation transmittance.

The data contained in this instruction are consistent with the latest developments in technology. No legal claims may be raised due to a variety of methods of application of material layers and the areas of use. This publication invalidates any data which refer to this product and which are contained in the previous technical instructions.

