

# TEKNOCLAD SILVER

## Waterborne coating for pre-greying of facades

TEKNOCLAD SILVER is a waterborne and weather-resistant coating for pre-greying of facades. Pre-greying makes the wood assume its natural grey tone and degrades over the years. The transition between the raw wood and the natural wood greying is therefore no longer visible. The result is a uniform facade appearance.

TEKNOCLAD SILVER is an open-pore, thin-film system with a modern formulation based on natural raw materials. Designed for industrial processing, can also be applied manually in some cases.

The emulsion penetrates deep into the wood and provides long-lasting protection against moisture and dimensional changes. As with the other products in the TEKNOCLAD family, maintenance coats are required at much longer intervals than with conventional facade treatments. Application is simple as the system is not film-forming.

Before using the product, the manufacturer should be contacted to check the suitability of the product for the object in question.



## TECHNICAL DATA

<b>Fields of application</b>	Cladding boards
<b>Recommended substrate</b>	Fine-sawn wood, Planed wood, Raw wood, Softwood
<b>Binder</b>	Alkyd
<b>Solids</b>	Approx. 44% by weight
<b>Volatile organic compound (VOC)</b>	Approx. 17 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
<b>Theoretical spreading rate</b>	100-150 g/m <sup>2</sup> ; 8 m <sup>2</sup> /kg
<b>Colours</b>	Grey tones.
<b>Gloss (60°)</b>	Semi-matt
<b>Thinner</b>	SPEZIALVERDÜNNER 1020-98
<b>Density</b>	Approx. 1 g/ml
<b>Storage</b>	Storage temperature is +5°C - +30°C. Shelf life in unopened containers: See "Best before date" on the label. Keep containers tightly closed after use.

## DIRECTION FOR USE

### Surface preparation

The wood must be free from wood dust and contamination. The moisture content of the wood should not exceed 18%. Pretreatment is required for wood substrates not meeting Durability Class 3, EN 350:2016. Teknos has a range of preservative products meeting the requirements of EN 599-1, please contact Teknos for further guidance.

### Application method

Airless spraying, Air-assisted airless spraying, Conventional spraying, Vacumat, Brush, Roller

The product accelerates wood greying and the shade can vary depending on the wood species. We recommend testing the product on a sample of the original wood, taking the application method into account.

### Application

APPLICATION ADVICE					
Wood surface planed/sanded					
		Product	Applied Quantity		
First coating (all sides)		TEKNOCLAD SILVER	80-100 g/m <sup>2</sup>		
Recoating (optional)		TEKNOCLAD SILVER	60-80 g/m <sup>2</sup>		
Wooden surfaces saw raw					
		Product	Applied Quantity		
First coating (all sides)		TEKNOCLAD SILVER	120-150 g/m <sup>2</sup>		
Recoating (optional)		TEKNOCLAD SILVER	80-100 g/m <sup>2</sup>		
For further application proposals please ask our representative.					
APPLICATION					
	Viscosity DIN 4 mm	Dilution	Nozzle in mm	Pressure in bar	Spray Cycles
Airless / Airmix Spray Application	50"	5-10 % Water or max. 3 % 1020- 98	0.23 -0.33	130-180 (Airless) 100-130 (Airmix)	1-2
Vacumat coating	50"	5-10 % Water or max. 3 % 1020- 98			
Spray Robot - Brush Applicator	50"	5-10 % Water or max. 3 % 1020- 98			

### Application conditions

Stir thoroughly before use. Recommended temperature for surroundings and product: +15°C-25°C. Do not apply below +10°C.

### Drying time

+23°C / 65% RH

#### - dust free

after 6 hours

#### - overcoatable

after 24 hours

#### - through dry

after 3 days

### Cleaning

Wash the equipment immediately after use. Water, VERDÜNNER 1300-98.

## HEALTH AND SAFETY

### Safety and precaution measures

See safety data sheet.

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