

SWISS SILVER PROTECT 2180-10

Glazing, water-soluble coating for pre-greying of facades

SWISS SILVER PROTECT 2180 is an opaque, water-soluble and weather-resistant wood coating and enable decorative surface design with old wood character. Designed for industrial processing.

SWISS SILVER PROTECT 2180 is a double-layer medium-coat system that is highly UV and light resistant. The coating does not release any formaldehyde, monomers or other irritant substances.



TECHNICAL DATA

Binder	Acrylate
Solids	Approx. 30% by weight
Volatile organic compound (VOC)	Approx. 38 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.
Theoretical spreading rate	120 g/m ² ; 8.3 m ² /kg
Colours	Certain colours are delivered from stock.
Tinting system	Largo
Gloss (60°)	10
Density	Approx. 1.04 g/ml
Storage	Storage temperature is +5°C - +30°C. Store in a tightly closed container.

DIRECTION FOR USE

Surface preparation Every substrate must be well-cleaned, dry and free from grease and oil. Coating removal: Sand

Application method Conventional spraying, Airless spraying, Air-assisted airless spraying, Vacumat, Brush
Aluminium particles > 60 µm. Select a suitable filter.

Not suitable for wood species with a high resin content such as larch.

Application

Stir or shake the product well for several minutes before use, if necessary by machine.

APPLICATION ADVICE					
Interior					
	Product			Applied Quantity	
Recoating	SWISS SILVER PROTECT 2180			1-2x 100 g/m ²	
Exterior planed, sanded					
	Product			Applied Quantity	
Impregnation	TEKNOL AQUA 1410-01				
1. Coat (on all sides)	SWISS SILVER PROTECT 2180			120 g/m ²	
2. Coat (on the visible side)	SWISS SILVER PROTECT 2180			80 g/m ²	
Saw raw					
	Product			Applied Quantity	
Impregnation	TEKNOL AQUA 1410-01			120 g/m ²	
1. Coat (on all sides)	SWISS SILVER PROTECT 2180			120-150 g/m ²	
2. Coat (on the visible side)	SWISS SILVER PROTECT 2180			80-100 g/m ²	
For further application proposals please ask our representative.					
APPLICATION					
	Viscosity DIN 6 mm	Dilution	Nozzle in mm	Pressure in bar	Spray Cycles
Gravity Feed Gun	40"	0-10%	1.8-2.5	2.2-2.4	≥ 1 Cross-spray
Airless / Airmix Spray Application	Not measurable	undiluted	0.28-0.33	Material 60-80 Atomising air pressure 1.0-1.5	≥ 1 Cross-spray

Application conditions

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 60 minutes

- overcoatable

after 6 hours

Cleaning

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

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

First aid

We recommend wearing personal protective clothing even in cases where no local regulations are in force.

CH: The precautions according to local regulations (SUVA) with respect to hygiene and equipment must be observed.

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