

PENTOL UV PROTECT PLUS 0783-30

Water-soluble light and moisture protection for interior and protected exterior use



PENTOL UV PROTECT PLUS 0783 is an aqueous light and moisture protection product for interior and protected exterior use. Absorbs the UV radiation responsible for the degradation of lignin and therefore delays darkening and greying of the wood. Protection from moisture. The hydrophobic effect reduces swelling and shrinkage of the wood. Especially suitable for lighter-coloured softwood species such as spruce, fir and pine.



TECHNICAL DATA

Fields of application	Panels
Binder	Acrylate
Solids	Approx. 31% by weight
Volatile organic compound (VOC)	Approx. 31 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	80 g/m ² ; 12.5 m ² /kg
Colours	Colourless.
Tinting system	Largo
Gloss (60°)	30
Density	Approx. 1.03 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, Roller Do not sand surfaces treated with UV protection, as this will destroy the UV protection. Technical requirement: Adhesive strength according to DIN EN ISO 2409; Gt 0.

Application	Stir or shake the product well for several minutes before use, if necessary by machine.				
	APPLICATION ADVICE				
	Interior woodwork				
		Product		Applied Quantity	
	Primer	PENTOL UV PROTECT PLUS 0783		110-120g/m ²	
	Exterior woodwork				
		Product		Applied Quantity	
	Primer	PENTOL UV PROTECT PRIMER 0782-00		60-80 g/m ²	
	Recoating	PENTOL UV PROTECT PLUS 0783		2x 60-80g/m ²	
	For further application proposals please ask our representative.				
	APPLICATION				
		Viscosity DIN 4 mm	Dilution	Nozzle in mm	Pressure in bar
Gravity Feed Gun	11"	undiluted	1.3-1.8	1.0-2.0	1 Cross-spray
Suction Cup Gun	11"	undiluted	1.3-1.8	1-2	1 Cross-spray
Airless / Airmix Spray Application	11"	undiluted	0.15-0.23		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.

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

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