

PENTOL UV PROTECT PLUS 0783-30

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



PENTOL UV PROTECT PLUS 0783-30 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.

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/m²	
Exterior woodwork					
	Product			Applied Quantity	
Primer	PENTOL UV PROTECT PRIMER 0782-00			60-80 g/m²	
Recoating	PENTOL UV PROTECT PLUS 0783			2x 60-80g/m2	
For further application proposals please ask our representative.					
APPLICATION					
	Viscosity DIN 4 mm	Dilution	Nozzle in mm	Pressure in bar	Spray Cycles
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.

ADDITIONAL INFORMATION

Additional information

Adhesive strength according to DIN EN ISO 2409: GT 0

Abrasion resistance (Taber Abraser) DIN 68861: <80mg

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

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.