Nautic

Technical data sheet

SILENT COAT

Sound deadening material

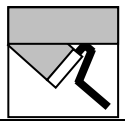
Application:

Composite manufacturing industry
- manufacture of waterborne vessels (boats, motor boats and sail yachts)
- other products made of composite (laminated) materials

Properties:

- high yield
- very good sound-proofing performance
- possibility of the application of thick layers (up to 6 mm)
- no sagging on vertical surfaces

CHARACTERISTICS	
SILENT COAT is one component waterbased product intended for professional use. It is based on waterborne resins. The mass is characterized by very good physical and mechanical properties. It is applied to damp vibrations and reduce unwanted noise in maritime. This sound deadening material can be used in the interior of hull, underside of the deck, stringers, compartments, ceilings, hatches and engine boxes. Silent Coat is easy to spray and allows multiple “wet” layers without the time needed for drying.	
SUBSTRATES	
polyester and epoxy laminates	degrease with the PLUS 780 remover
CHARACTERISTICS	
Mass density	1,38 g/cm^3
Colour	Dark grey
Viscosity	Ca. 30000 mPas
The content of weight solids	Ca. 71%
The content of volume solids	Ca. 53%
Product resistant on moisture. Temporary immersion in water causes softening and colour change which are reversible after drying.	
APPLICATION CONDITIONS	
The coated surface must be dry. The coating temperature, the coated surface and the ambient temperature must be between +10°C and +35°C; the relative humidity must not exceed 70% (the recommended relative air humidity is 40-60%). The coated surface temperature must exceed the dew point by at least 3°C. At lower temperature and higher humidity the drying time will be correspondingly longer. Provide proper ventilation to all coated surfaces during application and drying for the coating to cure properly. The recommended ventilation rate should be 50 m^3/l of the coat to thoroughly remove the water evaporating from the coating during application and drying.	

APPLICATION	
	Degrease with the PLUS 780 remover
	Apply with roller (the maximum layer thickness up to 6mm) – 1-2 layers
	The drying time in 20°C: ca. 2 hours (depending on drying conditions).

EQUIPMENT CLEANING

Water.

PACKAGING

15 kg and 200kg (barrel)

STORAGE CONDITIONS

Store in a dry room, away from sources of flame and heat. Avoid direct exposure to sunlight.
Recommended storage temperature: +5°C to +35°C. Protect from freezing.

SHELF LIFE

SILENT COAT	12 months / 20°C

SAFETY

See the Safety Data Sheet.

NOTES

Intended for professional use only.

OTHER INFORMATION

Registration number: 000024104
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