

STUCCO VELOX

TECHNICAL DATA SHEET

Product description

Generally, it is employed for finishing smoothing to a maximum thickness of one millimeter per coat in mono-components cycles on hulls and dead works. It cannot be used on cycles subject to continuous or discontinuous immersion. Application with thicknesses of over than one millimeter can cause cracks in the layer in mono-components of topsides and superstructures.

Stucco Velox can be overpainted with synthetic primers and finishes such as Gel Prime, Unigloss and Easylac.

Product information

Finish	Matt		
Colour	White .153		
Solids (by volume)	ASTM D2369		45 ± 2%
Specific weight	UNI EN ISO 2811-1		1,95 ÷ 2,00 g/cm ³
Flash point	UNI EN ISO 13736		39 °C
VOC (calculated average content)	ISO 11890-2/2006		288 g/l
Packaging	0,75 kg		

Application and use

SURFACE PREPARATION

The product must be applied on undercoats and topcoats sanded with paper n. 80/120.

In case of renovation of old cycles, the surface must be degreased and after that another sanding down procedure.


APPLICATION PROCEDURE

It must be applied manually, with a spatula without a thinner adding. Apply one homogeneous coat of smoother, up to a thickness of max.1 mm. Leave drying for at least 24 h the product, before the sandpaper with paper n. 150/180.


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Application data

Application method		Spatula
Dry film thickness per coat	Standard application range	Up to 1 mm
	Recommended	0 – 1 mm
Wet film thickness	Standard application range	Up to 1 mm
	Recommended	0 – 1 mm
Theoretical coverage	0 – 1 mm	0 – 1 l/m ²
Recommended primers	Ticoprene – Gel Prime	
Notes	Do not add other solvent or other fluidization agents	

Drying time

Temperature °C		10		15		20		30	
		Min	Max	Min	Max	Min	Max	Min	Max
Sanding		48 h		36 h		24 h		24 h	
Full curing		7 days		7 days		7 days		7 days	

N.B. The drying times and the overcoating intervals increase with higher thickness of the applied film. Always check that the exiting painting film is perfectly dry before applying a futher coat.

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CONDITIONS DURING APPLICATION

In order to avoid the formation of condensation, the surface temperature should be at least 3° C above dew point. During the application and curing, the min. ambient temperature must not be lower than 15° C or higher than 30° C.; substrate temperature must not be lower than 10°C, since curing time is remarkably reduced at lower temperatures.

Application is not advisable when relative humidity exceeds 80%. The term-hygrometric survey should be carried out near the surface to be coated. Make sure there is enough ventilation when the application takes place in closed areas.

Storage

It is recommended to avoid exposure to air and extreme temperatures. In order to assure the maximum of pot life in the can, it's advisable to verify that, at the moment of the storage, the can is well closed and the temperature is between 10°C and 35°C. Avoid exposure to direct sunlight.

Safety rules

Observe the provisions of DPR 303 and 547. Avoid contact with the skin, for example. Operate in well closed places and, if necessary, use vacuum cleaners, fans and air conveyors. During the applications use appropriate protections (masks, gloves, glasses, etc.). Before using, read sections 7-8 of the SDS.

ISTRUZIONI FOR THE DISPOSAL AND THE PACKAGING AND THE PRODUCT

Empty packaging containing products: Dispose of empty packaging according to the requirements of the waste disposal law, for example by taking them to the recycling center.

Packages containing the unused products: Dispose the product not used in accordance with the law of disposal of such a waste, for example by taking them to a recycling center, recycling packaging is prohibited in this case. Do not empty into drains or watercourses. This product must not be exposed to open air and must be stored at a temperature between 10°C and 35°C. Avoid exposure to direct sunlight.

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Notes

The values indicated in the present data sheet can have slightly variations from one batch to another. The applied product must not come in contact with water, chemicals or subjected to mechanical stress before the curing is completed. Wet thickness film coat is for not diluted product. With the dilution this value will grow. The above information is the result of accurate laboratory tests and practical experience, however, since the product is predominantly used outside the manufacturer's control, Boero Bartolomeo S.p.A can only guarantee their quality. The information contained in this sheet may be subject to revision by the Company: For clarification, updates or further information, it is recommended to contact Boero Batolomeo S.p.A directly. The present datasheet annuls and replaces every other precedent to this one.