GEL GLOSS PRO

TECHNICAL DATA SHEET

Product description

High quality topcoat, which can boast an excellent resistance to marine and industrial environments, ageing and ultraviolet rays. It does not yellow up. Moreover, it has an excellent chemical and mechanical resistance and it maintains its brightness over time. Excellent dilatation property that guarantees the best aesthetical result for outboard, deck, superstructures with mirrored and bright surfaces. It can directly applied on gel coat or epoxy and polyurethane undercoats (Epoway, Polygoal). Not suitable for constant immersion.
It is available with a large range of colours that can be mixed and are compatible with each other for spray application. Contact the technical office of Veneziani for further information about colour mixing properties and their brushability.

Product information

Finish	Bright	
Colour	White .153 and colour card	
Solids (by volume)	ASTM D2369	55 ± 2%
Specific gravity	UNI EN ISO 2811-1	1,29 ÷ 1,34 g/cm^3
Flash point	UNI EN ISO 13736	> 38 °C
VOC (calculated average content)	ISO 11890-2/2006	403 g/l
Packaging	0,75 – 2,5 Lt (white only .153)	

Application and use

SURFACE PREPARATION

Pressure wash with fresh water and remove any trace of oil and grease. All surfaces to be painted must be clean, dry and free of contaminants. Apply on suitable undercoats such as Epoway or Polygoal. Sandpaper with 320/400 paper. Suction to remove all sandapaper residual and any dust or dirt. Then, blow with clean and dry air. Finally, apply GEL GLOSS PRO.

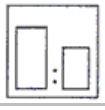
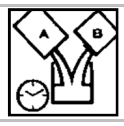
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Application data

Mixing ratio by volume		3:1	
Mixing ratio by weight Base (comp. A) 6766.--- Hardener (comp. B) 6766.999		80 w/w 20 w/w	
Pot-life NB: do not use this product when Pot-life time is exceeded		3 - 4 hrs at 20 °C	
Thinner/Tool cleaning NB: the indicated dilution % is considered on the catalized product		Conventional spray/Mixed air **6780** - Temp. < 18 °C (25 - 35%) **6700** - Temp. > 18 °C (25 - 35%)	Roller/Brush **6700/6780** (10% max)
Application methods		Conventional Pressure 3,5 bar Nozzle 1,4 mm* *with Antiskid Powder, use a nozzle with a 2,0/2,5 diameter	
		Air mixed Nozzle 0,7 mm – 1 mm Pressure 3,5 bar *with Antiskid Powder, use a nozzle with a 2,0/2,5 diameter	
	 		
Dry film thickness per coat	Standard application range	35 – 40 µm	
	Recommended	40 µm	
Wet film thickness per coat	Standard application range	60 – 70 µm	
	Recommended	70 µm	
Theoretical coverage	40 µm	13,8 m^2/litre	
Practical coverage (loss value 30%)	40 µm	9,7 m^2/l	

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Recommended primers	Polygoal - Epoway
Notes	This product is provided in two tins, which have to be entirely and carefully mixed before use. Dilution, if necessary, must be carried out after the rwo components have been mixed together. Physical data of two-component products refer to components that have been already mixed together.

Drying time

Temperature °C		10		15		20		30	
		Min	Max	Min	Max	Min	Max	Min	Max
Wet on wet coverage				8 hrs	2 days	8 hrs	2 days	2 hrs	1 days
Sanding				48 hrs		24 hrs		24 hrs	
Full curing				7 days		7 days		7 days	

CONDITIONS DURING APPLICATION

In order to avoid the formation of condensation, the surface temperature should be at least 3°C above dew point. During 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 the curing is remarkably reduced at lower temperatures.
Application is not advisable when the 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.

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Storage

It is recommended to avoid exposure to air and extreme temperatures. To maximize the shelf life in the can, it is worth checking that the container is well closed during the storage and that 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 ventilated places and, if in closed areas, use vacuum cleaners, fans and air conveyors. During the application, use appropriate protections (masks, gloves, glasses, etc.). Before using, read sections 7-8 of the SDS.

INSTRUCTIONS FOR THE DISPOSAL OF PRODUCTS AND PACKAGING

Empty packaging that contains the 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 of the unused product in accordance with the law of disposal of such waste, by taking it to a recycling center, recycling of packaging is prohibited in this case. Do not empty into drains or water courses. Product packaging must be kept indoor and the temperature in the storage place must be between 10° C and 35° C. Do not expose to sunlight.

Notes

The values indicated in the present technical sheet can have slight 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 complete. All wet film thicknesses refer to a product which is not diluted. With dilution, this value will rise. 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 its quality. The information contained in this sheet may be subjected to revision by the Company. For clarification, updates or further information, it is recommended to contact Boero Bartolomeo S.p.A directly. The present datasheet annuls and replaces every other precedent to this one.

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Recommendations

This material has been tested and meets all batch quality requirements. Colours produced in different times, thought with the help of modern technologies, may show variations in shades; however ΔE values remain within the accepted parameters. The application of different batches in the last enamel coat should be avoided. Be careful to apply the product also on elements such as doors or grills that are usually treated in different times and with different methods.

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