

POLYGOAL

TECHNICAL DATA SHEET

Product description

Polyacrilic bi-component undercoat with thickness for paint cycles with high performances. Good sandpaper quality, particularly suitable as undercoat for finishes. The height thickness allows to close the micro porosity of the existing cycle. Mainly applicable on bottoms of epoxy plasters before sandpaper. Applicable on fiberglass and gelcoat after accurate sandpapering and cleaning. Polygoal is an excellent foundation coat for polyutherane finishing, giving relevance to the brilliance.

Product information

Finish	Matt		
Colour	White .153		
Solids (by volume)	ASTM D2369		60 ± 2%
Specific weight	UNI EN ISO 2811-1		1,40 g/cm ³
Flash point	UNI EN ISO 13736		23 – 55 °C
VOC (calculated average content)	ISO 11890-2/2006		360 g/l
Packaging	0,75 – 2,5 Lt		

Application and use

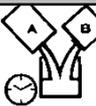
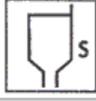
SURFACE PREPARATION

It is recommended to apply POLYGOAL on surfaces with already treated supports with well cross-linked products and seasoned. Sandpaper with abrasive paper grit 220-240. The support must be cleaned, dry and correctly prepared. Before performing the painting, verify that all surfaces must be perfectly dry, cleaned, free of oils, grease and other contaminants agents.

POLYGOAL

TECHNICAL DATA SHEET

Application data

Mixing ratio by volume		4:1
Mixing ratio by weight		83 w/w 17 w/w
Base (comp. A) 6757.153 Thinner (comp. B) 6757.999		83 w/w 17 w/w
Pot-life NB: do not use this product when Pot-life is exceeded		2 h at 20 °C
Thinner/ cleaning NB: The % of dilution is considered on catalyzed product		6780 15 - 25 % insulator 6780 5 - 15 % filler
Spray viscosity		18" – 25" DIN 4 at 20° C Depending on the use
Application method		Conventional Pressure 3,5 bar Nozzle 1,7- 2 mm
		Mixed air Pressure 3,5 bar Nozzle 1,3 mm-1,5 mm
Dry film thickness per coat	Standard application range	80 – 120 µm (insulator) 120 – 200 µm (filler)
	Recommended	100 µm (insulator) 150 µm (filler)
Wet film thickness per coat	Standard application range	130 – 200 µm (insulator) 200 – 330 µm (filler)
	Recommended	170 µm (insulator) 250 µm (filler)

POLYGOAL

TECHNICAL DATA SHEET

Theoretical coverage	100 µm	6 m ² /l
	150 µm	4 m ² /l
Practical coverage [Loss value 30%]	100 µm	4.2 m ² /l
	150 µm	2.8 m ² /l
Recommended primers	Undercoat and epoxy primers, gelocat, etc.	
Notes	The product is provided into two cans to be mixed entirely and accurately before application. The eventual dilution must be performed after the two product mixing. The physical data of the two-components 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
Coverage wet on wet				60'	240'	30'	120'	20'	90'
Sanding				48 h		24 h		24 h	
Full curing				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 father coat.*

POLYGOAL

TECHNICAL DATA SHEET

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 PRODUCTS.

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

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.