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PRODUCT DATA SHEET

PRODUCT: **SHOP PRIMER**
One-component shop primer

CODE: **COMP. A 125 SHOP PRIMER**
COMP. B -

PRODUCT DESCRIPTION:

One-component shop primer based on polyvinyl butyral, characterized by a rapid drying. In fact, the manufactured articles so treated can be handled after 3-5 minutes. Suitable for the protection of sand-blasted metal surfaces (profiles, sheets or semi-assembled) that will be machined or permanently assembled in successive stages, as in shipbuilding sector. Despite the small film thickness (15 microns) ensures optimum protection from corrosion for long periods, even in marine environment. The film created from this product does not interfere with the operations of flame cutting and welding, minimizing the areas damaged by heat, that will be retouched in short times and with a low cost. The particular rheology of the product allows an easy application even on vertical surfaces. Easily to be overcoated even after time.

SURFACE PREPARATION:

On sandblasted surfaces apply to almost white metal (2.5), perfectly free of oil, grease, dust, moisture or any other contaminant.

APPLICATION METHODS:

Spray, brush or roll. Brush or roller don't grant an uniform coverage, use these techniques only on retouch or small surfaces.

APPLICATION INSTRUCTIONS:

CONVENTIONAL SPRAY LOW PRESSURE PUMP		AIRLESS AIRMIX	
Nozzle diameter (mm)	1,8÷2,0	Pressure ratio	28:1
Product pressure (Atm)	0,8÷1,5	Nozzle diameter (inch)	0,013÷0,019
Air pressure	4,0÷5,0	Product pressure (Atm)	130,0÷170,0



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TECHNICAL DATA:

Mechanism of hardening	Evaporation of the solvent
Specific weight (kg / l) *	1,05 (±8%)
Volume solids (%) *	25 (±1%)
Medium dry film thickness (microns)	15
Correspondence wet film thickness (microns)	60
Yield to the average or recommended thickness (m ² / kg) *	15,9
Consumption at the average or recommended thickness (Kg / m ²) *	0,06
Touch dry at 25 ° C (min)	5
Maximum operating temperature (° C)	150
Recommended application temperature (° C)	+5 ~ +35
Thinner	6000015 - 6000110
Aspect of the film	matt
Color	Oxide red, gray, purple
Storage in suitable conditions (months)	12

N.B.

* Data referred to colour grey. The solid content values, specific weight and yield were calculated with theoretical method. Thickness and performance are indicative, in fact vary greatly depending condition of substrate, absorption, porosity, surface irregularities and application method.



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ADDITIONAL INFORMATION:

This is a one-component product. Vigorously mix the product for a few minutes with appropriate instruments and characterized by sufficient size, in order to ensure the complete homogeneity. Where possible it is preferable to use a mechanical stirrer. It is recommended to implement all necessary measures (development of equipment for painting, using any thinner retardant-wetting thinner, position yourself upwind, proper progression of the surfaces to be painted) to prevent the accumulation of dust coating, which often causes inhomogeneity of the film.

IMPORTANT NOTE

All information contained in this form are the result of laboratory tests carried out under controlled conditions and well-defined and / or correspond to our most advanced and current technical and practical knowledge. this does not exempt the customer, given the variability of environmental conditions and personal systems of application, from carrying out their own investigations and to make their own eligibility checks. Mondial Color assumes no responsibility for any damage caused by improper use of the product. The values of specific weight, solids by volume and yields were calculated by theoretical methods. This sheet supersedes the previous editions.
