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PRODUCT DATA SHEET

PRODUCT: **MONDIALCRIL**
Modified acrylic fast drying finish

CODE: **COMP. A 258**
COMP. B -

PRODUCT DESCRIPTION:

Modified acrylic fast drying finish. This product proves to be a painting of general use in the decoration and protection of machinery and plants, it is also characterized by good resistance to weathering, good abrasion resistance, good resistance to water and acids and bases (not concentrated). Its distinctive feature is the rapidity of drying in depth, especially appreciated in the handling process, stacking and packaging of the manufactured articles, by reducing the processing time and with less need of retouching on the support points of the pieces. Excellent aging stability, minimal tonal variations, great resistance to chalking.

SURFACE PREPARATION:

The product is applied on surfaces already primed, rigorously dry, clean, perfectly free of oil, grease, dust, moisture or other contaminants.

APPLICATION METHODS:

Spray. Brush or roller don't grant an uniform coverage, use these techniques only on retouch or small surfaces. For small and non-continueous surfaces, we suggest use of manual spray gun or airmix pumps.

APPLICATION INSTRUCTIONS:

	CONVENTIONAL SPRAY LOW PRESSURE PUMP	AIRLESS AIRMIX	
Nozzle diameter (mm)	1,3÷1,8	Pressure ratio	28:1
Product pressure (Atm)	1,0÷1,7	Nozzle diameter (inch)	0,013÷0,017
Air pressure	3,0÷4,5	Product pressure (Atm)	115,0÷150,0



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TECHNICAL DATA:

	Evaporation of the solvent and oxidation
Mechanism of hardening	
Specific weight (kg / l) *	1,25 (±5%)
Volume solids (%) *	45 (±1%)
Medium dry film thickness (microns)	40
Correspondence wet film thickness (microns)	89
Yield to the average or recommended thickness (m ² / kg) *	11,25
Consumption at the average or recommended thickness (Kg / m ²) *	0,088
Touch dry at 25 ° C (min)	30
Recoat time min. recommended 25 ° C (hours)	8
Recoat time max. recommended 25 ° C (days)	-
Hard dry at 25 ° C (days)	5
Maximum operating temperature (° C)	95
Recommended application temperature (° C)	+5~ +35
Thinner	6000015
Aspect of the film	semigloss
Color	On request
Storage in suitable conditions (months)	12

N.B.

* Data referred to colour white. 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. The temperature of the surface to be treated must be at least 3° C higher than the ambient temperature. If this condition is not met the resulting condensation, not always visible, may easily lead to phenomena of non-adherence. Carefully remove any accumulated roughness prior to the application of subsequent coats. 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.