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PRODUCT DATA SHEET

PRODUCT: **IDROMAX**
One-component fast drying acrylic waterborne topcoat

CODE: **COMP. A W30903 IDROMAX**
COMP. B - - -

PRODUCT DESCRIPTION: One-component fast drying water-based finish for general use. The product is able to guarantee excellent coverage, even on edges, at relatively low thicknesses. Moreover, thanks to its peculiar formulation it can provide faster drying than products based on alkyd resins. This product can also provide better resistance to chemicals, lubricants, acids and bases in comparison to products based on alkyd resins.

SURFACE PREPARATION: The product must be applied strictly on dry surfaces, clean, perfectly free of oil, grease, dust, moisture or other contaminants. One of the disadvantages of water-soluble systems is the lack of ability to adhere to surfaces that are not properly cleaned.

APPLICATION METHODS: Dipping, spray. 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÷2,2	Pressure ratio	15:1
Product pressure (Atm)	1,0÷1,7	Nozzle diameter (inch)	0,011÷0,019	
Air pressure	2,5÷3,5	Product pressure (Atm)	60,0÷150,0	



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TECHNICAL DATA:

Mechanism of hardening	Evaporation and chemical reaction.
Specific weight (kg / l) *	1,245 (±8%)
Volume solids (%) *	37 (±1%)
Medium dry film thickness (microns)	50
Correspondence wet film thickness (microns)	135
Yield to the average or recommended thickness (m ² / kg) *	6
Yield to the average or recommended thickness (m ² / lt) *	7,4
Consumption at the average or recommended thickness (Kg / m ²) *	0,17
Consumption at the average or recommended thickness (lt / m ²) *	0,14
Touch dry at 25 ° C (min)	30
Recoat time min. recommended 25 ° C (hours)	2
Recoat time max. recommended 25 ° C (days)	5
Hard dry at 25 ° C (hours)	24
Recommended application temperature (° C)	+5 ~ +40
Maximum operating temperature (° C)	105
Thinner	Water
Aspect of the film	satin
Color	On request
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 only indicative, in fact vary greatly depending condition of substrate, dilution, 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 ideal temperature for application is between 5° C and 40° C. A high relative humidity is able to stop cross-linking at any temperature. If this condition occurs and remains for more than 2/3 hours, It can also form rust stains. The product is recoatable at any time with itself or with acrylic products, while after drying is overcoated with most of the coating products. 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 if not removed 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. This sheet supersedes the previous editions.
