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PRODUCT DATA SHEET

PRODUCT: **POWER COATING GLOSSY**
High-performances one component topcoat

CODE: **COMP. A L38718 POWER COATING GLOSSY**
COMP. B -

PRODUCT DESCRIPTION: Low thickness self-cross-linking transparent coating for the protection of different materials (metallic, synthetic and mineral).
Applied in the correct thicknesses the transparency is such that Power Coating is “invisible” and with a refraction similar to that of a natural polished and untreated surface. The purely inorganic structure based on silica / ceramics confers unique performances, for example the high scratch resistance, the thermal resistance, the marked chemical inertness, the corrosion protection, an excellent anti-fingerprint power, and easy cleaning of the surfaces. exposed.

SURFACE PREPARATION: The product must be applied strictly on dry surfaces, clean, perfectly free of oil, grease, dust, moisture or other contaminants.

APPLICATION METHODS: Preferred application is spray.

APPLICATION INSTRUCTIONS:	CONVENTIONAL SPRAY LOW PRESSURE PUMP		AIRLESS AIRMIX	
	Nozzle diameter (mm)	0,8÷1,2	Pressure ratio	--
Product pressure (Atm)	1,0÷1,7	Nozzle diameter (inch)	--	
Air pressure	2,5÷3,5	Product pressure (Atm)	--	



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TECHNICAL DATA:

Mechanism of hardening	Evaporation of the solvent and chemical reaction
Specific weight (kg / l) *	0,8 (±3%)
Solids by weight (%) *	20 (±1%)
Indicative thickness of dry film (microns)*	6 ±2
Yield to the average or recommended thickness (m2 / lt) *	41,7
Consumption at the average or recommended thickness (lt / m2) *	0,03
Touch dry at 25 ° C (min)	15
Hard dry at 25 ° C (days)	3
Recommended application temperature (° C)	+5 ÷ +25
Max. nominal continuous service temperature (° C)	300
Thinner	Ready to use
Aspect of the film	glossy
Color	Clear
Storage in suitable conditions (months)	12
Recommended storage temperature (° C)	+5 ÷ +25

N.B.

* Data referred to colour clear. 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:

Once hardened, the product cannot be removed with solvents. Immediately clean all equipment after the painting phase. The head and nozzle normally tend to get dirty. The encrustations can be removed with ultrasound or with a stainless steel pickling agent if the equipment is compatible.

The product is susceptible to moisture, (it reacts violently with water) after use, the containers must be kept hermetically closed.

After the container was opened, irritating gases and vapors "containing amines" are likely to escape, be careful not to breathe the vapors.

ALWAYS USE AN ACTIVATED CARBON MASK.

The product must be diluted only with anhydrous solvents.

The product is not repaintable.

Always carry out preliminary tests before proceeding with production.

Store in a cool and ventilated place, do not expose to heat or temperatures > 25 ° C.

For safety aspects consult the safety data sheet from the product.

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.
