



TECHNICAL DATA SHEET

2AG1W

ACRIVIV 70.100 DTM WB

Creation date
Rev.

04/10/24
0

GENERAL INFORMATIONS		
Two-component, water-based acrylic DTM top coat with excellent weathering characteristics and excellent resistance to aggressive chemicals. Product suitable for single-coat painting of industrial carpentry, industrial machine tools and for general finishing of parts with specific aesthetic and/or resistance features.		
FINISHED PRODUCT CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.02 ± 0,1 Kg/L	
VISCOSITY	R3 850 cP 20°C	Brookfield method
SOLID CONTENT	42 ± 1% (weight)	Theoretical
YEILD (50 dry µm)	8 m ² /Kg	Theoretical
AVAIABLE DYES	RAL, Pantone, NCS and on request dyes	
CATALYSIS	35% con HDR2W001 (W/W)	
BINDER NATURE	Modified acrylic resins	

TECHNOLOGICAL AND RESISTANCE PROPRIETIES	
RESISTANCE	
ATMOSPHERIC AGENTS	Really good
NORMAL INDUSTRIAL ENVIRONMENT	Really good
HEAVY INDUSTRIAL ENVIRONMENT	Really good
SEA ENVIRONMENT	Good
HIGH UMIDITY ENVIRONMENT	Really good
ALTERNATING IMMERSION IN MAINS WATER	Really good
CONTINUOUS IMMERSION IN MAINS WATER	Good
TEMPERATURE	The applied enamel (completely dried and with a film free of imperfections) has a continuous heat resistance of approx. 90-100°C. Above this temperature, maintenance of the product's technical characteristics is not guaranteed.

APPLICATION MODE	
BRUSH, ROLLER	<i>Only recommended for retouching operations or on small surfaces</i> Dil. 5-10% with DEMINERALIZED WATER
SPRAY	Dil. 10% with DEMINERALIZED WATER Pressure: 3 bar Ø nozzle: 1.7 mm



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HARDENING	
DUST FREE	40 min
TOUCH FREE	2-4 hour
DEEP HARDENING	8-10 hours
COMPLETE HARDENING	7-10 days
POT LIFE	3 hours
<i>Hardening times can considerably change according to thickness and temperature of application.</i>	

OVERPAINTING
The product is suitable for overpainting once applied. Within 24 hours after application, it is advisable to sand finely.
SURFACES PREPARATION
Degrease thoroughly in accordance with norm. SSPC-SP1. Ferrous surfaces with calamine and/or rust must be treated by commercial sandblasting SIS Sa2. Fresh galvanised surfaces before painting must be treated by brushing or acid washing in order to achieve sufficient porosity of the substrate. For maximum adhesion, apply the paint in a very thin layer (40-60 microns or the amount necessary to achieve coverage). Cement surfaces must be dry, clean, with no loose parts or debris that could in any way cause the paint to detach. It is best to make the surface on which the product will be applied rough to facilitate absorption of the paint.
ENVIRONMENTAL CONDITIONS
Particularly cold temperatures or environments with high relative humidity can slow down or change the characteristics of the system, which is affected during the painting phase by atmospheric conditions. We therefore recommend application and initial drying in environments with a temperature of more than 10-15 °C and a maximum relative humidity of 75 %. Light rain, high humidity or the formation of condensation during the 16 hours following application (20°C) can irreversibly damage the film formation.
TOOLS CLEANING
Tools and surfaces can be easily cleaned of the uncured product with water. Encrusted surfaces, on the other hand, must be treated with acetone or nitro thinner.

Vivcolor s.r.l.



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STORAGE

THE PRODUCT FEARS FROST.

In a cool, dry place, protected from direct sunlight and in a well-sealed tin, the product is stable for at least 12 months, the CATALYST at least 6 months. Particular care must be taken when storing the CATALYZATORE which, being susceptible to reacting with atmospheric humidity, once opened must be consumed as quickly as possible and stored in a particularly dry place.

The information on this data sheet is indicative and based on our knowledge derived from experience and testing and can in no way constitute a guarantee. The purchaser/user decides for himself the suitability of the product for his own requirements in the context of the specific field of application. Please refer to the relevant toxicological data sheet for safety information.