

Vivcolor s.r.l.

TECHNICAL DATA SHEET

3AG1

CARFLEX

02/04/16



Creation date

Rev. 1

GENERAL INFORMATIONS		
Rapid touch topcoat giftd with good water resistance, color and brightness retention in time. Suitable for earth moving and industrial machinery and in field of costruction or, generally, where good aesthetic proprieties and resistance to common exercise conditions are requested.		
FINAL CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.15 ± 0,1 Kg/L	
VISCOSITY	R3 1250 cP at 20°C	Brookfield method
SOLID CONTENT	55 ± 1% (weight)	Theoretical
SPREAD RATIO (50 dry µm)	8.5 m ² /Kg	Theoretical
BRIGHTNESS	90 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/CE)	471.9 g/L	According to dye. See our SDS.
AVAIABLE DYES	RAL, Pantone, NCS and on request dyes	
CATALYSIS	30% with HDR3.001 (by weight)	
BINDER NATURE	Modified alkydic resins	
TECHNOLOGICAL AND RESISTANCE PROPRIETIES		
<i>RESISTANCE</i>		
ATMOSPHERIC AGENTS	Really good	
NORMAL INDUSTRIAL ENVIRONMENT	Really good	
HEAVY INDUSTRIAL ENVIRONMENT	Really good	
SEA ENVIRONMENT	Good	

HIGH HUMIDITY ENVIRONMENT	Good
APPLICATION	
BRUSH, ROLLER	Recommended only for details. Dil. 5-10% with (TH7.041) DILUENTE SINTETICO
SPRAY	Dil. 5-10% (TH4.1000) DILUENTE NITRO ANTINEBBIA. Pressure: 3-4 bar Ø nozzle: 1.7 mm
<i>We recommend not to go over 40-50 dry µm by hand of coat.</i>	
HARDENING	
DUST FREE	20-30 min
TOUCH FREE	1 hour
DEEP HARDENING	24 hours
COMPLETE HARDENING	7 days
<i>Hardening times can considerably change according to thickness and temperature of application.</i>	

OVERPAINT
Re-touch works can be done after 8-12 hours from the application on sanded surfaces.

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SURFACES PREPARATION

CARFLEX can be applied on an appropriate corrosion inhibitor primer, for example our 2BG4 or 5BG4. Surfaces must be clean from all impurities.

ENVIRONMENTAL CONDITIONS

Temperature must be 3°C above dew point. Light rain and condensation can compromise the film formation.
If temperature goes over 25-30°C we recommend to use a specific slow thinner to improve distension proprieties of the topcoat.

TOOLS CLEANING

Tools can be cleaned from not polymerized topcoat with our TH4.1000 (DILUENTE NITRO ANTINEBBIA).

STORAGE

In fresh and dry places, not in direct contact with the sunlight, CARFLEX is stable for 12 months. Its hardner, in same conditions, is stable for 6 month.

The information on this data sheet is indicative and based on our knowledge derived from experience and experimentation and can in no way constitute a guarantee. The buyer/user decides independently the suitability of the product with respect to his own needs in the context of the specific field of use. Please refer to the relevant toxicological data sheet for safety information.