Vivcolor s.r.l.

TECHNICAL DATA SHEET 5BS4H PRIMER SIGNAL HIGH ADHESION





Creation date Latest update

28/10/24 02/04/25

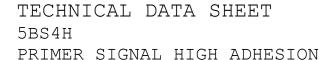
GENERAL CHARACTERISTICS

Two-component solvent-borne epoxy primer, perfect as a pre-treatment for

cement, ceramic, clinker and absorbent substrates. Used to increase the adhesion of the subsequent painting cycle		
FINISHED PRODUCT FEATURES		
		NOTES
SPECIFIC WEIGHT	1.55 ± 0,1 Kg/L	
VISCOSIY	R4 10000 cP 20°C	Brookfield method
SOLID CONTENT	75 ± 1% (weight)	Theoretical (A+B)
SPREAD RATE: (50 µm dry)	8.5 m ² /Kg	Theoretical
CATALYSIS RATIO	20% P/P with HDR5N020	
AVAILABLE DYES	RAL 9010, Black, RAL 7001, on request	
PRODUCT NATURE	Epoxy resin	

RESISTANCE TESTS		
RESISTANCE		
Good		
Excellent		
Excellent		
Good		
Good		
Excellent		
Good		
Medium		
Very good		
Very good		
Very good		
Good		
Good		
Excellent		
Excellent		
Very good		
APPLICATION MODE		
Diluition 5/10% with EPOXY THINNER		
Diluition 10-20% NITRO THINNER		
Nozzle pressure: 3-4 atm		
Nozzle diameter: 1.8 mm		
Dilution 5% with EPOXY THINNER		
Nozzle pressure: 150 atm		
Nozzle size: 0.025-0.030" Spray angle: 40 -80°		
4 Hours (high temperatures can also		
significantly reduce the time of use)		

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HARDENING 20°C	
DUST FREE	40 min
DEEP HARDENING	24 hours
COMPLETE DRY	15 days
POT LIFE	4 hours

OVERPAINTING

Overpaintable after 8 h and within 48 h (without sanding, after 48 h it will be necessary to roughen the surfaces by a slight mechanical roughening).

ENVIRONMENTAL CONDITION

The substrate and outside temperature must be at least 3 degrees above the dew point.

SURFACES PREPARATION

Remove loose parts: Remove any loose parts from the surface, such as old peeling paint or debris.

Dusting: Clean the surface thoroughly with a brush or cloth to remove dust and debris.

Make sure the surface is dry: Do not apply the enamel on damp surfaces or surfaces subject to rising damp. If in doubt, wait for the surface to dry completely.

Remove contaminants: For best adhesion, it is essential to remove traces of oil, grease, silicones and old paint. If a completely clean surface cannot be achieved, light sandblasting is recommended.

Pre-treatment for helicopter concrete surfaces: For very shiny and smooth surfaces, pre-treatment with muriatic acid (minimum concentration 6%) is necessary. Leave the acid to react completely and rinse thoroughly with tap water. Make sure the surface is completely dry before applying the enamel.

Do not apply on damp substrates or those subject to rising damp.

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TOOLS CLEANINGS

The tools can be cleaned from the uncured product with NITRO THINNER.

STORAGE

In a cool and dry place, protected from direct sunlight and in a well sealed can, VIVEPOX PRIMER is stable for at least 12 months, the HARDENER at least 6 months.

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.