

## TECHNICAL DATA SHEET

5BS4H

PRIMER SIGNAL HIGH ADHESION

Creation date 28/10/24  
Latest update 02/04/25  
Rev. 1

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	
VISCOITY	R4 10000 cP 20°C	Brookfield method
SOLID CONTENT	75 ± 1% (weight)	Theoretical (A+B)
SPREAD RATE: (50 µm dry)	8.5 m²/Kg	Theoretical
CATALYSIS RATIO	20% P/P with HDR5N020	
AVAILABLE DYES	RAL 9010, Black, RAL 7001, on request	
PRODUCT NATURE	Epoxy resin	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
RESISTANCE	
ATMOSPHERIC AGENTS	Good
NORMAL INDUSTRIAL ATMOSPHERE	Excellent
HEAVY INDUSTRIAL ATMOSPHERE	Excellent
MARINE ATMOSPHERE	Good
HIGH HUMIDITY ENVIRONMENTS	Good
ALTERNATING IMMERSION IN WATER	Excellent
CONTINUOUS IMMERSION IN WATER	Good
ORGANIC ACIDS	Medium
INORGANIC ACIDS	Very good
ALCALI	Very good
ALIFATICALS	Very good
AROMATICS	Good
ALCOHOLS	Good
ACID SALTS	Excellent
ALCALINI SALTS	Excellent
OILS AND FATS	Very good
APPLICATION MODE	
BRUSH ROLLER	Dilution 5/10% with EPOXY THINNER
SPRAY	Dilution 10-20% NITRO THINNER Nozzle pressure: 3-4 atm Nozzle diameter: 1.8 mm
SPRAY AIRLESS	Dilution 5% with EPOXY THINNER Nozzle pressure: 150 atm Nozzle size: 0.025-0.030" Spray angle: 40 -80°
POT LIFE	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
<b>OVERPAINTING</b>	
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).	
<b>ENVIRONMENTAL CONDITION</b>	
The substrate and outside temperature must be at least 3 degrees above the dew point.	
<b>SURFACES PREPARATION</b>	
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.