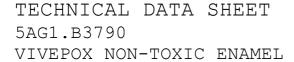
Vivcolor s.r.l.







Creation date 29/02/16 Rev. 0

GENERAL INFORMATION

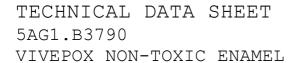
Two-component epoxyamine paint, absolutely free of odour and taste, is suitable for use in thick coatings of tanks or pipes intended for the flow of drinking water.

The chemical properties of cross-linked paint give the same exceptional surface hardness, good elasticity and high durability.

CHARACTERISTICS OF THESUPPLY PRODUCT					
		NOTES			
SPECIFIC WEIGHT	1.6 ± 0.1 Kg/L				
	$1 \pm 0.1 \text{ Kg/L}$				
VISCOSITY	Data not avaiable				
SOLIDS CONTENT	97 ± 1% (weight A+B)	Theoretical			
YIELD: (300 μm dry)	400 g/m²	Theoretical			
On absorbent substrates (such as concrete) consumption can be up to 6- $700~{\rm g/m^2}$.					
OPACITY	85-90 Gloss	Glossmeter 60°			
AVAIABLE DYES	White				
CATALYSIS	40% with HDR5.ATO (weight)				
	1 part HDR5.ATO - 4 parts A (volume)				
NATURE OF THE BINDER	Epoxy resin PM ≤ 700				

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS				
RESISTANCES				
ATMOSPHERIC AGENTS	Very 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 AND ALKALIS	Good			
ALIFATICALS	Very Good			
AROMATICS	Very Good			
ALCOHOLS	Good			
ACID SALTS	Excellent			
ALCALINI SALTS	Excellent			
OILS AND FATS	Excellent			
IMPACT TEST	7,5 N/m OK			
TEMPERATURE	The non-toxic epoxy enamel is able to withstand continuous temperatures from -50 to +90 °C.			

Vivcolor s.r.l.







Creation date 29/02/16 Rev. 0

	For temperatures below -50 to +90 °C, the				
	functionality of the coating is not				
	guaranteed.				
YELLOWING (1H)	80°C	150°C	200°C		
	None	Considerable	RAL 1001		
APPLICATION MODE					
BRUSH ROLLER	Dil. 0-5% with PURE ETHYL ALCOHOL FROM				
	FRUIT				
SPRAY	Dil. 0-5% with PURE FRUIT ETHYLICAL ALCOHOL. With spray gun suitable for spraying high viscosity products.				
It is advisable to apply VIVEPOX NON TOXIC ENAMEL in thicknesses of					
300μm.					
HARDENING TIMES					
DUST FREE	3 hours				
DEEP HARDENING	12 hours				
COMPLETE DRYING	10 days				
POT LIFE	30 min				
Curing times may vary considerably depending on the thickness applied					

Curing times may vary considerably depending on the thickness applied. A high thickness can compromise deep drying. The temperature can also have a significant effect on the curing, especially on the evaporation of solvents. The temperature of the substrate must be at least 3 degrees above the dew point.

SURFACES PREPARATION

The non-toxic epoxy enamel is applied on metal surfaces treated with suitable adhesion primers or directly on perfectly matured and properly prepared concrete surfaces.

ENVIRONMENTAL CONDITIONS

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

TOOLS CLEANING

The tools can be cleaned from the uncured product with water, alcohol or acetone.

STORAGE

In a cool and dry place, and in a well sealed can, VIVEPOX is stable for at least 12 months. In the same conditions as part A, its hardener remains stable for 6 months.

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