



Write Off

2 Component
Water Based Varnish for
Creating Board Marker Surfaces.



V02, 06.2020

Packing: 1lt

(Contains 0.75lt of A Component
& 0.25lt of B component)

Description

Excellent quality and special composition water borne, 2 component varnish.

It adheres well to suitably prepared surfaces and it develops very good chemical strength. Suitable for use on walls, plaster, exposed concrete, and wooden surfaces.

Intended Use

Ideal for the creation of surfaces suitable for writing using board markers. The shade of undercoat remains the same. Available for professional use only.

Product characteristics

- New technology polyurethane water borne resins.
- High strength to UV radiation.
- High adhesion.
- High resistance to chemical agents.
- Resistance to exterior weather conditions.
- Long lifetime.
- High resistance to yellowing.

Shades

It is available colorless, and it cannot be tinted.

Coverage

10 - 12m²/lt, depending on the application method and the absorption of the surface

Recommended painting systems

New Surfaces		
Stage	Product	Coatings
Preparation	Surfaces should be dry and free of oils, grease, loose materials New cementitious surfaces must mature 28 days before the application of the material.	
Primer	The same material is used.	1 coat (thinned up to 15% v/v)
Final coating	Write Off	3 coats (thinned up to 6% v/v)
Old-Already painted Surfaces		
Stage	Product	Coatings
Preparation	On old surfaces we clean well from foreign materials (asphalt, mold, dust, cementitious coatings, loose materials).	
Primer	In case of old but without problems surfaces, the same material is used. In case of painted surfaces with water-based paints that have suffered chalking use first adhesion primer Aquafix	1 coat (thinned up to 15% v/v)
Final coating	Write Off	3 coats (thinned up to 6% v/v)

Application Conditions

The application is carried out at an ambient temperature of 12 °C to 30 °C and a maximum relative humidity of 75%. Do not apply to wet surfaces or when there is a chance of rain for the next 48 hours.

Application Instructions

The product is applied by roller or brush. Stir well the A' component content. Afterwards add the B' component. Stir well for 2 - 3 minutes so that it is fully homogenized. Then thin the mixture with the desirable quantity of water. Leave the mixture to rest for 5 minutes. Immediately after the material may be used. The lifetime of the mixture is 2,5 hours at 25°C.

Caution: There is no clear indication of the end of lifetime but after this period (2,5 hours) the material does not maintain its properties. During the application period work out well the material with the painting tool trying not to leave it very thick. In order to obtain the maximum possible protection, the surface should have been fully covered with the material without leaving small pores or spots where there is no sufficient quantity of the material. Therefore 3 coatings are recommended.

Special Note: The material, after having been applied in 3 coatings and the surface has been properly covered, needs 7 days in order to fully reach its strength. In case of writing using board markers cleaning is prompt and quick by a slightly wet cloth or paper. If you find a board marker which after cleaning leaves shadows, then clean with the special solvent and try another marker. The material keeps its strengths even after several cleanings, as long as appropriate cleaning solvents have been used properly. After a number of uses (cleanings) you may observe loss of the material gloss. This is normal and does not affect its performance. Nevertheless, it is wise after many uses to apply a new coating so that the desirable effect lasts longer.

Technical Characteristics

Density	A' Component $1,00 \pm 0,02 \text{ gr/cm}^3$ (ISO 2811) B' Component $1,10 \pm 0,02 \text{ gr/cm}^3$ (ISO 2811) Mixture $1,03 \pm 0,02 \text{ gr/cm}^3$ (ISO 2811).
Viscosity – Mixture	65 - 75 K.U. 25°C.
pH	A' Component $8,3 \pm 0,2$.
Components mixing ratio	3 parts of Component A' to 1 part of Component B' by volume.
Coverage	10 – 12m ² /lt, depending on the kind of surface and the application method.
Drying time	Touch dry from 1 to 1,5 hours Through dry after 24 hours at least The material acquires full strength to chemicals after 7 days. (drying times may be elongated according to temperature and humidity conditions).
Recoating	After 2 hours and not after 24 hours. If the material has to be re-painted after period longer than 24 hours the previous coating should be first rubbed down using sandpaper
Pot Life of the mixture	2,5 hours at 25°C.
Gloss	> 85 units at 60°.
Solvent	Water.
Thinning	It is thinned with water at 15% by volume in case of first coating (as primer) and at 5% to 6% by volume in case of final coatings.

According to 2004/42/EC

Phase II, subcategory I – decorative effect coatings. VOC limit value = 200 gr/lt. Max VOC value = 70 gr/lt (ready to use).

Storage

Keep cans air-tight sealed and protect from frost. For long-term storage the product is best kept indoors in order to avoid its exposure to very low or very high temperatures as well as high humidity conditions. Special caution should be paid to storage of Component B' as it may be easily polymerized by atmospheric humidity. Store away from heat sources, direct solar radiation, sparkles and ignition sources. Keep away from food and beverage.

Precautions - Prevent environmental impacts

The product is only for professional users. Pint residues and empty containers should be treated as hazardous waste in accordance with local regulations. Always wear appropriate goggles, gloves and respirators. Use the product according to the instructions on its label. Keep out of reach of children.

For more information on its hazards and precautionary instructions, ask and read the Product Safety Data Sheets before using them.

All the above information is based on laboratory tests and long-term experience of the company's scientific personnel. Product quality is guaranteed by our operational system, which is based on the requirements of ISO 9001, ISO 14001 and OHSAS 18001 Standards and EMAS Regulation. As producers we don't take any responsibility for any damage that may caused in cases that the product hasn't been used for the appropriate application and according to the application instructions.

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