

**ROOFING**

# VELACOLOR

**WATER-BASED COLOURED PROTECTIVE COATING****Technical data sheet**

## Description

**VELACOLOR** is a protective coating in water solution based on emulsified polymers.

Due to its chemico-physical properties and its high hiding power, it not only improves the aesthetic appearance of the surfaces coated with bituminous waterproofing membranes, but also increases their useful life, providing high resistance to atmospheric agents, ageing and UV rays.

**VELACOLOR** can be supplied in different colours, even customized ones.

Suitable as a protective layer for ancient granular membranes, preventing detachment of slate flakes so as to restore uniform colour.

## Fields of application

Suitable as a protection layer for bituminous waterproofing membranes which not only provides protection against UV rays, but also helps solidify grit, increasing its "useful life".

Also applicable to concrete, clay, metal laminate or wooden surfaces, representing a valid alternative to aluminium based protective coatings, offering the advantage of achieving better aesthetic effects.

## Laying instructions

**VELACOLOR** can be directly applied by brush, broom, roller or airless sprayer. The surface should have a 3 percent minimum slope with no area of standing water.

It should be laid on compacted, perfectly dry and clean surfaces, free of dust, oil or grease.

In order to improve hiding power, it is advisable to apply two coats of product, waiting until the first coat has dried.

Wait approximately 6-8 hours between one coat and another.

The drying rate of each coat depends on moisture content and temperature.

It can be diluted with water, but it should be used according to its standard concentration level.

## Consumption

300 – 500 gr/m<sup>2</sup>.

## Performance

- ✓ Excellent resistance to atmospheric agents and UV rays
- ✓ Excellent aesthetic appearance
- ✓ Easy to apply
- ✓ Available in the following colours: white, grey, red or green or customized ones

**Roller application****Brush application****Broom application****Spray application**



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## Warning

Do not apply at a temperature below + 5°C or higher than + 35°C, always considering either environmental or substrate temperature. The product should not be applied outdoors **in the presence of persistent fog or in case of imminent risk of rain** which may wash it away, ensuring that climatic conditions remain unchanged even 72 hours after application.

Check the presence of any surface condensation (**dew point**) which may affect product characteristics. Checks should be carried out even before applying the second coat.

It's a single-component ready to use product which should not be diluted. Before application, shake it slowly only if necessary.

Do not apply to recently laid bituminous membranes, since the migration of light substances contained in bituminous mixes may cause coating detachment and colour alteration.

The surface should have a 3 percent minimum slope with no area of standing water. In summer, at the highest irradiance levels, it is advisable to apply multiple low thickness layers in order to avoid abnormal product drying.

## Chemico-physical properties

Parameter	Value	Measurement Unit	Tolerance	Test method
APPEARANCE	PASTY LIQUID PRODUCT	-	-	-
COLOUR	GREY, RED, WHITE, GREEN	-	-	-
DRY RESIDUE	60	%	± 5	UNI EN ISO 3251
SPECIFIC WEIGHT	1,35	Kg/l	± 0,05	UNI EN ISO 2811-1
BROOKFIELD VISCOSITY (20 RPM, Spindle n°5, 20 °C)	8000	Cps	± 500	-
pH (25°C)	8,5	-	± 0,5	-
DRYING TIME AT A 23°C-50% r.h.*	6/8	ore	± 1	-
TIME REQUIRED FOR COMPLETE DRYING AT 23°C-50% r.h.*	24	ore	± 1	-

\* Time values can be higher or lower than those indicated depending on the temperature detected.

## Packaging and storage

Products packed in 5, 10 and 20 Kg buckets to be stored in sheltered areas at a temperature not below + 5 °C or not higher than + 35°C. **IT FEARS THE FROST.** It must be used within one year of the purchase date.

The above-mentioned values can be subject to update or change. IVELA S.r.l. reserves the right to modify them at any time without prior notice. For a correct use of our products, see technical specifications. For further information or any special use, please contact our technical department. Any suggestions or technical information provided represent our best knowledge regarding product characteristics and use. Considering different applications and any possible interference of elements beyond our control, the buyer must declare under his own responsibility that the product is suitable for the intended use.