

05.04 – ENDURANCE – High Durability Silicon Paint

DESCRIPTION:



ENDURANCE is based on the combination of pure acrylic and silicone resins, pigments and fillers with good light resistance. This paint, through the nature of its components, provides finishes with excellent quality, high protection to fungi and microalgae and an unique durability (guaranteed 10 years).

FEATURES:

- Good adhesion, hiding power and coverage.
- Great weathering and alkalis resistance.
- It inhibits efficiently algae and fungi.
- Exceptional durability.
- Waterproof but permeable to vapors.

SPECIFICATIONS:

- Density	1,470 ±0,10 (white)
- Viscosity	92-124 ku (25°C)
- Color	White and others
- Finishing	Matt
- Dry-to-touch	1 hour
- Depth drying	24 hours
- CIT/MIT	<15 ppm
- VOC (volatile organic composites)^{a)} EU limit value for this product cat. (A/c) 40 g/l (2010)	≤18 g/l

Classification according to the norms EN1062-1 e NP4505 (2012):

- Specular gloss (Class G ₃)	Matt (G≤10 at 85°)
- Permeability to water vapor (Class V ₁)	High (sd<0.14m)
- Permeability to liquid water (Class W ₃)	Low (W≤0.1kg/(m ⁻² h ^{-0.5})) Nothing to declare
- Resistance to alkalis from hydraulic binders	
- Resistance to accelerated artificial ageing (NP EN ISO 11341)	Very slight yellowing

RECOMMENDED USE:

It is a high-quality paint, appropriated for the exterior painting of facades in sand-finish or flat plaster, concrete, and others, when a painting of great durability, waterproof and resistant to weathering is pretended.

SURFACE PREPARATION:

The surface must be dry, clean, free of any dust, grease and mosses.

- APPLICATION:** Before to use mix energetically the product.
The application is to be realized with a paint-brush or a roller in 3 coats properly diluted in a period of 6 to 12 hours. The topcoat is important for the good performance of the product.
- We recommend as primers:
- One coat of “PLIOLITE PRIMER” – slightly diluted.
 - One coat of “HYDRONEUCE PRIMER” – No dilution.
- DILUTION:** With water using the following proportions:
1st Coat.....10%
Others.....5%
- COVERAGE:** Variable according to the surface absorption, and the application conditions.
On average and per coat: 12 to 14 m²/l.
- CLEAN-UP:** With water right after the application.
- WARNING:** This product is not irritant nor presents any risks of sensitization in a contact with skin. In spite of presenting no risks for health, it is advised to keep out of reach of children. For further information, the reading of our product **Safety Data Sheet** is essential.
- RECOMMENDATIONS:** Do not use on hot surfaces due to sun exposure.
Application temperature is between 5°C and 35°C, relative humidity inferior to 80%, the surface temperature between 2 and 3°C above the dew point.
- STORAGE AND PACKAGING:** Packages should be kept properly closed, in good environmental conditions of temperature and humidity, and spend the product on the chronological order of supply.
Use it, with preference, up to 2 years after its manufactured date, but it can also be used after this date, as long as a good homogenization of the product can be verified.
It is supplied in packages of 5lt and 15 liters.

Note a) The value of the VOC previously mentioned concerns ready-to-use products, according to the technical specifications that we recommend. We do not take any responsibility for other mixtures made to the product. We draw special attention to all our agents for the responsibility that they take by not respecting what the Directive 2004/42/CE establishes.