

TECHNICAL DATA SHEET

VELDECOR

Technical Qualities

VELDECOR is a semi-transparent, siloxanic paint, conceived to achieve decorative wash effects on exterior and interior walls. Working the product by using the brush, glove or marine sponge by OIKOS, it is possible to achieve prestigious aesthetic finishes that recreate the effect of ancient plasters. Its special characteristics make VELDECOR suitable for prestige buildings and restoration work on old town areas. VELDECOR is applied as the decorative finish of the following products: DECORSIL ROMA, DECORSIL FIRENZE, ARCHITAL, NEOQUARZ, ELASTRONG PAINT GUM and COLOR FINISH by OIKOS, guaranteeing the whole cycle exceptional water repellence and high vapour-permeability also preventing the development of mould and algae. In the event that an even greater level of protection against mould and algae is needed, it is recommended to add the indicated additive STERYLPLUS to the product. It has a low odour level, is non flammable and is friendly to both humans and the environment.

Ideal Use

Decorative wash effect on interior and exterior surfaces.

Surface Preparation

The recommended exterior base coats on to which apply VELDECOR by Oikos are: Decorsil Roma, Decorsil Firenze, Archital, Neoquarz, Elastrong Paint Gum and Color Finish by OIKOS. For interior surfaces: Ultrasaten Matt, Multifund, Extrapaint or Kreos by OIKOS.

Application Method

The application method varies according to the desired effect:

Cloud effect: apply VELDECOR by using a brush, then work on whilst still wet with a Sponge or Glove by OIKOS.

Antique effect: apply a small amount of VELDECOR by OIKOS by using a shorthaired brush crossing the brushstrokes. A second coat of the product can be applied after 6–8 hours.

Technical Characteristics: Application

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| Dilution: | ready to use, max 10% with drinkable water if needed |
| Yield: | 15–20 m ² /l depending to the absorption of the surface |
| Application tools: | brush, marine sponge or glove by OIKOS |
| Primers: | Decorsil Roma, Decorsil Firenze, Archital, Neoquarz, Elastrong Paint Gum and Color Finish by OIKOS. In interior only: Ultrasaten Matt, Multifund, Extrapaint or Kreos by OIKOS. |
| Application temperature: | +5°C ÷ +36°C (with relative humidity not exceeding 80%) |
| Drying time until touch dry: | 1 ÷ 2 h (temperature = 20°C with relative humidity at 75%) |
| Total drying time: | 6 – 8 h (temperature = 20°C with relative humidity at 75%) |
| Tools cleaning: | Water |

Technical Characteristics: Product

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| Composition: | Siloxanic resins in water dispersion, titanium dioxide, organic and inorganic pigments, preservatives and additives aimed at helping application and film formation. |
| Specific weight: | 1,2 kg/l +/- 3% (Base P) |
| pH: | 8 ÷ 10 |
| Viscosity: | 3,500 +/-5% CPS Brookfield (RVT 20 r.p.m. at 25°C) |
| Storage temperature: | +2°C ÷ +36°C. Keep from freezing |
| Reaction to fire: | None if applied on a non-flammable surface: water based material with a dry thickness of 0,600 mm. |
| Water absorption W24: | 0.09 kg/m ² .h ^{0.5} DIN 52 617 (max. allowed limit 0.5 kg/m ² .h ^{0.5} DIN 52 617) |
| Permeability to water vapour Sd: | 0.23 m (max. allowed limit 2 m DIN 52 615) |

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| Resistance to washing: | In compliance to DIN 53 778, resistant at least 1,000 abrasive circles |
| Resistance to abrasion: | In compliance to DIN 53 778, resistant at least 5,000 abrasive circles |
| Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE: | Classification:A/l ; VOC: 25 g/l (max); Limit Phase I (from 1.1.2007): 300 g/l, Limit Phase II (from 1.1.2010): 200 g/l |
| Colours: | Shades from the colour chart |
| Packaging: | Lt 0,5 - 1 - 4 - 14 |

Toxicological Data

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is considered to be a non-dangerous substance if used in the technically correct manner. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are required for the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements.

Specifications

After having preparing the support, apply a siloxanic semi-transparent finish products like VELDECOR by OIKOS in compliance to the application norms according to the desired effect, cost per m² including application and materials. Scaffolding not included.

The company Oikos S.r.l guarantees, to the best of its own technical and scientific knowledge, that the information contained in this technical data sheet is correct.

Notwithstanding that indicated above, Oikos takes no responsibility for the results obtained through the use of this product in as much as it is not possible for Oikos to check or control the application method used. For this reason, we recommend that you check carefully that each product chosen, is suitable for each individual use to which it is put.