

## TECHNICAL DATA SHEET

### ----- FAÇADE DIVISION -----

#### Veldecor

#### **sez. 1.0 Technical characteristic**

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. It has a low odour level, is non flammable and is friendly to both humans and the environment.

#### **sez. 2.0 Ideal Use**

Decorative wash effect on interior and exterior surfaces.

#### **sez. 3.0 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

#### **sez. 4.0 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.

#### **sez. 6.0 Technical Characteristic: application**

Dilution	ready to use, max 10% with drinkable water if needed
Yield	15 ÷ 20 m <sup>2</sup> /l depending to the absorption of the surface
Application tools	Brush, marine sponge or glove by OIKOS
Primer	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 (relative humidity not higher than 80%)
Drying time: tack free	1 ÷ 2 h (temperature = +20°C with relative humidity not exceeding 75%)
Drying time: fully cured	6 ÷ 8 hours (temperature = +20°C with relative humidity not exceeding 75%)
Tools cleaning	water

#### **sez. 7.0 Technical Characteristic: the product**

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 revs/min. at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	None if applied on a non-flammable surface: water based material with a thickness when dry or 0.600 mm.

Water absorption W24	0.09 kg/m <sup>2</sup> .h0.5 DIN 52 617 (max. allowed limit 0.5 kg/m <sup>2</sup> .h0.5 DIN 52 617)
Vapour permeability Sd	0.23 m (max. allowed limit 2 m DIN 52 615)
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 01/01/2007): 300g/lt, Limit Phase II (from 01/01/ 2010): 200g/lt
Colours	White + colour chart DCS Decor Color System by OIKOS
Packaging	0.5-1- 4- 14 l

### sez 8.0 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

### sez. 9.0 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 m<sup>2</sup> including application and materials. Scaffolding not included.

### Note

*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*