

## TECHNICAL DATA SHEET

### ----- FAÇADE DIVISION -----

#### *Decorsil Primer Pigmentato*

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

DECORSIL PRIMER PIGMENTATO by OIKOS is a special pigmented infilling primer for exterior produced with siloxanic resins. Highly pervasive, it consolidates the surface and renders the absorption homogenous. . It is essential for highly vapour permeable, siloxanic paint cycles on high diffusion and dehumidifying plasters. Its coverage allows to save on the finishing products. DECORSIL PRIMER PIGMENTATO can be applied on alkaline surfaces, gypsum plasters, civil plasters, rustic plasters, old walls, powdering surfaces. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

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

Interior and exterior walls of prestigious buildings, recommended for high diffusion and dehumidifying plasters

#### **sez. 3.0 Surface preparation**

Surfaces must be completely dry and mature, new plaster must mature at least 30 days to allow complete carbonisation of the surface. Clean the surfaces to be treated and remove loose or flaking materials. In case of new plasters, make sure the substrate is thoroughly dry. In case of restoration works, repair large water infiltration or leaks.

#### **sez. 4.0 Application method**

Allow the wall to dry before proceeding to apply DECORSIL PRIMER PIGMENTATO, diluted with 40-60% of water, by brush, roller or spray gun (1.7 mm nozzle) . Allow 12 hours to dry before the application of finish products.

#### **sez. 5.0 Finish**

Finish coatings of the Façade Division.

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

Dilution	40%-60% with drinkable water
Yield	10 ÷ 14 m <sup>2</sup> /l in one coat according to surface absorption
Application tools	Brush, roller, spray gun (1.7 mm nozzle)
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: tack free	1 - 2 hours (temperature = +20°C with relative humidity not exceeding 75%)
Drying time: fully cured	10 – 12 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, organic and inorganic pigments, titanium dioxide, preservatives and additives aimed at helping application and film formation.
Specific weight	1.45 kg/l +/-3%
pH	pH: 8,5 ÷ 9,5
Viscosity	25,500 +/-5% CPS Brookfield (RVT 20 r.p.m. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep away from frost
Fire reaction	None if applied on a non-inflammable surface: water based material with a thickness when dry or 0.600 mm.
Water absorption W24	0.036 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	0.024 m (max. allowed limit 2 m DIN 52 615)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/h; VOC: 15 g/l (max); Limit Phase I (from 01/01/2007): 50g/lt, Limit Phase II (from 01/01/ 2010): 30g/lt

Colour	White + colour chart by DCS Decor Color System by OIKOS
Packaging	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**

Clean the surfaces to be decorated and remove loose or flaking materials. In case of new plasters, make sure the substrate is thoroughly dry. In case of restoration work, repair water infiltrations or leakages. Allow the wall to dry, then apply a pigmented primer such as DECORSIL PRIMER PIGMENTATO by OIKOS. All must be carried out in accordance with the norms of application, at a cost of ..... m<sup>2</sup>. inclusive of materials and labour, 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*