

TECHNICAL DATA SHEET

----- PAINT DIVISION -----

Il Pigmentato

sez. 1.0 Technical characteristic

IL PIGMENTATO by OIKOS is a special, highly vapour permeable, coloured primer for interiors. It is based on acrylic resins in water dispersion with titanium dioxide fillers. This product is able to permeate deep into the surface, which further than consolidating the wall, allows it to limit and make more even the absorption of the surface. Given its high covering power, the amount of finishing products used is reduced. It can be applied on alkaline substrates, civil plasters, rustic plasters, old walls, powdering plasters or plasters which are highly absorbent. The product has a low level of odour, is non inflammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Interior walls.

sez. 3.0 Surface preparation

Clean the surface to be painted, removing all loose material. With new plasters, ensure that the substrate is thoroughly dry and mature.

sez. 4.0 Application method

Apply one coat of IL PIGMENTATO by OIKOS diluted with 50% 100% of drinkable water. The application can be conducted by brush, roller or spray gun. Wait 6-8 hours before applying finishing products.

sez. 5.0 Finish

Finishing products of the Paint Division by Oikos

sez. 6.0 Technical Characteristic: application

Dilution	50-100% of drinkable water
Yield	14-18 m ² /l according to surface absorption
Application Tools	Brush, roller or spray gun (1.7 mm nozzle)
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time: tack free	1-2 hours (temperature =20°C with relative humidity less than 75%)
Drying time: fully cured	10-12 hours (temperature =20°C with relative humidity less than 75%)
Drying time: painting over	6-8 hours (temperature =20°C with relative humidity less than 75%)
Tools cleaning	Water

sez. 7.0 Technical Characteristic: the product

Composition	Acrylic resins in water dispersion, titanium dioxide fillers, additives helping application and film formation
Specific weight	1.3 Kg/l ±3%
Ph	8.5-9
Viscosity	21,000 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative when the product is applied onto a non - inflammable surface: water based material with dry thickness of less than 0,600 mm
Water vapour permeability (Sd)	0.46 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: 15g/l (max); Limit Phase I (from 01/01/2007): 50g/lt, Limit Phase II (from 01/01/ 2010): 30g/lt
Available colours	White + Pastel Colour Chart from DCS Decor Color System by OIKOS.
Packaging	1-2.5- 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 surface, removing any loose material. New surfaces must be dry and mature. Apply an acrylic primer of the kind of IL PIGMENTATO by OIKOS. Wait 6- 8 hours before applying finishing products.. All must be carried out in accordance with the norms of application, at a cost of m2. inclusive of materials and labour.

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.