

TECHNICAL DATA SHEET DRYWALL PAINT BY OIKOS

Technical qualities

DRYWALL PAINT BY OIKOS is a high covering, washable, vapour permeable, smooth, matt acrylic-vinyl paint for interiors with a low environmental impact, that allows to obtain a pleasant finish. The product's formulation is based on acrylic-vinyl resins in water dispersion, pigments and fillers that make the product ideal for use on plaster board, civil plasters both new and old, gypsum plasters, already painted walls even if painted with dark or intense colours. DRYWALL PAINT BY OIKOS contributes to the hiding of imperfections caused by the screeding of the joints between plaster board panels, improving the aesthetic appearance of the finish. Product certified in class A+ under emissions classifications (Decree of the Official French Gazette dated 19th April 2011). The material has a low odour level, is non inflammable and is friendly to both people and the environment. Dermatologically tested at Ferrara University.



Ideal Use

Interior walls both in masonry or plasterboard

Surface Preparation.

Clean the surface to be painted, removing all dust, dirt and any loose or flaking material. On very absorbent or crumbly surfaces, apply the necessary acrylic sealer, CRILUX or NEOFIX by OIKOS. In order to increase the coverage of the application cycle, apply the pigmented primer IL PIGMENTATO by OIKOS. On plaster board surfaces or surfaces in good condition, after having cleaned the surface and eliminated the main imperfections, it is possible to apply the product without the use of a sealer or primer.

Application Method

Using either a brush or roller apply one or two coats of DRYWALL PAINT BY OIKOS according to the required coverage Dilute the product 20% with water for application by roller, or 30% water for application by brush. Wait 4 hours between coats. On smooth surfaces such as gypsum screeds or plasterboard, it is recommended to apply the product using a roller for water based paints and immediately pass back over with a roller for enamels (art A04) by Oikos or similar roller in order to have a more even distribution of the product.

Technical Characteristics: Application

Dilution:	Roller: Max 20% Brush: Max 30% drinkable water
Yield:	10 ÷ 12 m ² /l per coat
Application tools:	Brush, roller, roller for enamels art. A04
Primers and sealers:	NEOFIX, CRILUX, IL PIGMENTATO by OIKOS

Application temperature:	+05°C ÷ +36°C (with relative humidity at 80%)
Drying time until touch dry:	1 ÷ 1,5 h (temperature = 20°C with relative humidity at 75%)
Total drying time:	4 days (temperature = 20°C with relative humidity at 75%)
Tools cleaning:	Water

Technical Characteristics: the product

Composition:	Acrylic-vinyl resins in water dispersion, organic and inorganic pigments, special additives to facilitate application and formation of the surface film.
Specific weight:	1,57 Kg/l +/- 3% (White)
PH:	8 ÷ 9
Viscosity:	9.500 +/- 20% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature:	+2°C ÷ +36°C. Keep from freezing
Reaction to fire:	negative if the product is applied onto a non-inflammable surface: water based material with dry thickness of less than 0.600 mm
Permeability to water vapour Sd:	High. Sd = 0,019m (EN ISO 7783-2)
Resistance to washing:	Class 2. (UNI EN ISO 11998)
Emission limits of Volatile Organic Compound (VOC), according to the directive 2004/42/CE	Classification: A/a ; VOC: 4 g/l (Max); Limit Phase II (from 1.1.2010): 30 g/l
Emissions Class:	A+ (Decree of the Official French Gazzette dated 19th April 2011)
Colours:	White + colours from the "Pastel shades" collection
Packaging:	Litres 4-14

Safety Information

The product does not contain any heavy metals such as Chrome or Lead nor does it contain any toxic solvents, aromas and chlorate. 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... 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

Carefully clean the surface, removing any loose or flaking material. On very absorbent or crumbly surfaces, apply an acrylic sealer such as CRILUX or NEOFIX by OIKOS, or to increase the coverage of the application cycle apply the primer IL PIGMENTATO by OIKOS. After 6 hours apply two coats of an acrylic-vinyl paint such as DRYWALL PAINT by OIKOS that is protective, unalterable, washable, self-dilating and water repellent. 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 that the information contained in this technical data sheet is given to the best of its own technical and scientific knowledge. 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.