

Technical Qualities

FONDO MURALES by OIKOS is a special, acrylic base coat that forms an ideal base for the decorative finishes. The product's particular formulation based on acrylic resins brings together the characteristics of vapour permeability and excellent surface coverage, thus preparing the surface in an ideal manner for subsequent decoration. The product has a low odour level, is non-flammable and is friendly to both humans and the environment.

Ideal Use

Interior walls.

Surface Preparation

New surfaces should be thoroughly dry and mature. On old or previously painted surfaces, remove any deposits of dust, smog or other impurity using brush or thorough washing. Remove any loose or crumbling material, if necessary, apply one coat of the special sealer NEOFIX by OIKOS. Wait 4 ÷ 6 hours to dry.

Application Method

Apply by brush, roller or spray gun, according to the required coverage, one or two coats of FONDO MURALES by OIKOS in the colour indicated for the finish product to be used, dilute with 20 ÷ 30% of drinkable water leaving approximately 6 hours between one coat and the other by brush or roller.

Finish

GRANADA, NEVADA, DUCA DI VENEZIA and ENCANTO by OIKOS.

Safety information

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 spill 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.

The product

Composition	Acrylic resins in water dispersion, quartz dust, high coverage titanium dioxide based fillers and additives to aid application and formation of the surface film
Specific weight	1.55Kg/l ±3% (white)
pH	8-9
Viscosity	25,000 +/-5% 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 on a non inflammable base; water based material with dry thickness of less than 0,600mm
Permeability to water vapour Sd	<ul style="list-style-type: none"> • High • Sd: 0,021 m (UNI EN ISO 7783-2:2001)
Resistance to washing	Class 2 (Class 1: Max, Class 5: min) (UNI EN ISO 11998:2006)
Resistance to tear and adhesion	2 Mpa, breaking A/B (UNI EN ISO 4624:2006)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	<ul style="list-style-type: none"> • Classification: A/h • VOC: 8g/l (max) • Limit Phase I (from 1.1.2007): 50g/l • Limit Phase II (from 1.1.2010): 30g/l
Colours	White + colour chart
Packaging	Liters - 1 - 4 - 10

The application

Dilution	20 ÷ 30% drinkable water
Yield	4 ÷ 6 m ² /l per 2 coats according to absorption
Application tools	Brush or roller
Fixative/Base	NEOFIX by OIKOS
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time- tack free	2 ÷ 3 hours (temperature = 20°C with relative humidity not exceeding 75%)
Drying time-fully cured	24 hours (temperature = 20°C with relative humidity less than 75%)
Drying time for painting over	4 ÷ 6 hours (temperature = 20°C with relative humidity around 75%)
Tools cleaning	Water

Specifications

New surfaces should be dry and thoroughly mature. On old surfaces or previously painted surfaces, remove deposits of dust, smog or other impurities by brushing or washing. Remove any loose or crumbling material. Follow this by applying, if necessary, a coat of the special sealer NEOFIX

by OIKOS. Wait 4 ÷ 6 hours until dry. Apply one or two coats of FONDO MURALES by OIKOS as a base coat. Wait 6 ÷ 8 hours until dry. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour.

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.