

# TECHNICAL DATA SHEET

## FONDO MURALES

### Technical Qualities

FONDO MURALES by OIKOS is a special, filling, acrylic paint that can be used as a mat coloured finish or as an ideal base for special decorative finishes. The products particular formulation based on acrylic resins brings together the characteristics of vapour permeability, excellent surface coverage and high resistance to washing, thus making FONDO MURALES a high quality product. Thanks to its low absorption FONDO MURALES can also be used as a base coat for decorative finishes preparing the surface in an ideal manner for subsequent decoration. The product has a low odour level, is non-inflammable and is friendly to both humans and the environment.

### Ideal Use

Decoration of interior walls.

### Surface Preparation

New surfaces should be thoroughly dry and mature. On old surfaces remove any loose material, if necessary, apply one coat of the special sealer NEOFIX by OIKOS. Wait 4 ÷ 6 hours to dry.

### Application Method

Apply two coats of FONDO MURALES diluted 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.

### Technical Characteristics: Application

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

### Technical Characteristics

**Composition:** acrylic resins in water dispersion, titanium dioxide based fillers and additives to aid application and formation of the surface film.

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<b>Specific weight:</b>	1.55Kg/l ±3% (white)
<b>pH:</b>	8-9
<b>Viscosity:</b>	25,000 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)
<b>Storage temperature:</b>	2°C ÷ +36°C. (Keep from freezing)
<b>Reaction to fire:</b>	Negative if the product is applied on a non inflammable base; water based material with dry thickness of less than 0,600 mm.
<b>Permeability to water vapour Sd:</b>	High; Sd: 0,021 m (UNI EN ISO 7783-2:2001)
<b>Resistance to washing:</b>	Class 2 (Class 1: Max, Class 5: min) (UNI EN ISO 11998:2006)
<b>Resistance to tear and adhesion:</b>	2 Mpa, breaking A/B (UNI EN ISO 4624:2006)
<b>Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:</b>	Classification: A/h; VOC: 8g/l (max); Limit Phase I (from 1.1.2007): 50 g/l Limit Phase II (from 1.1.2010): 30 g/l
<b>Colours:</b>	White + colour chart
<b>Packaging:</b>	1 - 4 - 10 - 14 l

## 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

## Specifications

New surfaces should be dry and thoroughly mature. Remove any loose material. If necessary, apply a coat of the special sealer NEOFIX by OIKOS. Wait 4 ÷ 6 hours until dry.  
Apply two coats of FONDO MURALES leaving approximately 6 hours between one coat and the other.  
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.*