

TECHNICAL DATA SHEET

305

BIOLAVABILE

Technical Qualities

305 BIOLAVABILE. Bio-paint for interiors, excellent **washability** (class 2), **excellent vapour permeability**.

305 BIOLAVABILE is suitable for spaces which suffer from **humidity and are particularly susceptible to dirt**, such as bathrooms and kitchens, where it guarantees maximum levels of hygiene in these areas. It is also ideal in living rooms, bedrooms or **high traffic areas** such as corridors or staircases.

305 BIOLAVABILE gives a finish which is pleasant to the touch with a smooth, matt effect and can boast **an excellent cost/yield/performance ratio**. Easy to apply and, if there are no specific problems, **can be applied directly onto walls** without the need to further prepare the surface. The product formulation, based on acrylic resins in water dispersion, pigments and high coverage fillers, make it ideal for use on both new and old, civil plasters, gypsum plasters and already coloured painted surfaces even if they are dark colours.

Compliant with CAM (Minimum Environmental Criteria), III level certification. EPD.

The product is certified in emissions 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, has no added formaldehyde.

MAIN CHARACTERISTICS

- **WASHABLE**
- **RESISTANT**
- **UNIVERSAL**

Ideal Use

Interior walls.

Surface Preparation

Clean the surface to be painted, removing any loose material. For crumbly or very absorbent substrates, apply the recommended acrylic sealer 240 BIOFISSATIVO UNIVERSALE by OIKOS. In order to increase the coverage of the cycle use the pigmented primer 210 BIOFONDO COPRENTE by OIKOS. On good condition walls or on gypsum boards the product can be applied without using a primer. Wait at least 6 hours before applying finishing products.

Application Method

New wall, civil plaster: apply two coats of 305 BIOLAVABILE diluted 50% with drinkable water.

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New wall, gypsum plaster: apply two coats of 305 BIOLAVABILE, the first diluted 70%, the second 50% with drinkable water.

Already painted walls in light or pastel colours: apply one or two coats of 305 BIOLAVABILE according to surface conditions, diluted 50% with drinkable water.

Already painted walls in strong colours: apply two coats of 305 BIOLAVABILE diluted 50% with drinkable water.

Gypsum board: apply two coats of 305 BIOLAVABILE diluted 50% with drinkable water.

Technical Characteristics: Application

Dilution:	50-70% with drinkable water according to the surface
Yield:	New wall, civil plaster: 14÷16 m ² /l per coat; New wall, gypsum plaster: 18÷22 m ² /l per coat; Already painted walls in strong colours: 16÷18 m ² /l per coat; Already painted walls in light/pastel colours: 18÷22 m ² /l per coat.
Application tools:	Brush, roller or spray gun (1.7 mm nozzle)
Primers:	240 BIOFISSATIVO UNIVERSALE, 210 BIOFONDO COPRENTE by OIKOS
Application temperature:	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time tack free:	1 ÷ 1.5 hours (temperature = 20°C with relative humidity less than 75%)
Drying time fully cured:	4 days (temperature = 20°C with relative humidity less than 75%)
Tools cleaning:	Water

Technical Characteristics: Product

Composition:	acrylic resins in water dispersion, organic and inorganic pigments, special additives aimed at helping application and film formation.
Specific weight:	1.57 Kg/l ±3% (white)
Ph:	8-9
Viscosity:	18,000 ± 5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature:	+2°C ÷ +36°C. Keep from freezing
Water vapour permeability Sd:	High. Sd=0,001 m (UNI EN ISO 7783-2:2001)

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Resistance to wash: Class 2 (UNI EN ISO 11998:2006)

Reaction to fire: B-s1,d0 (EN 13501-1:2019)

Minimum Environmental Criteria (CAM): III level certification. EPD

Emission limits of

Volatile Organic

Compounds (VOC) Classification: A/a; VOC: 6 g/l

according to Limit Phase II (from 01/01/2010); 30 g/l

directive 2004/42/CE:

Emission class: A+ (Decree of the Official French Gazette dated 19th April 2011)

Colours: White + colours from colour collection

Packaging: 1 - 4 - 12 l.

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 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

Clean the surface, removing any loose material. For crumbly or very absorbent substrates, apply a sealer based on acrylic resins such as 240 BIOFISSATIVO UNIVERSALE by OIKOS. In order to increase the coverage of the cycle use as primer 210 BIOFONDO COPRENTE by OIKOS. Wait at least 6 hours before painting. Apply two coats of an acrylic paint in washability class 2, water vapour permeability $S_d = 0,001$, no added formaldehyde, with TVOC in emissions class A+ and VOC: 6, such as 305 BIOLAVABILE by OIKOS. All must be carried out in accordance with the norms of application, at a cost of.....m2. inclusive of materials.

Advice for use and conservation

To dilute the product, only use drinkable water. The product once diluted, can only be kept for short periods, the undiluted product can be kept in clean, appropriately sized, sealed containers and kept from freezing and from excessive heat.

Between different products, the perception of white (or other colours) by the human eye can vary. This aspect is fundamental in the event that 2 different products, of the same colour, should be applied on the same wall. It is recommended to not use different batches of coloured

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material on the same wall.

Note

The company Oikos Spa 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.