

TECHNICAL DATA SHEET

306

BIOANTIMUFFA

Technical Qualities

306 BIOANTIMUFFA. **Sanitizing** bio paint for interior use with good washability, effective in **the prevention of the development of mould and algae on walls.**

306 BIOANTIMUFFA is effective on walls already affected by mould and algae even when large areas are involved and allows to recover the wall healthiness whilst preventing new attacks. Thanks to its special bactericides and broad-spectrum fungicides it protects the walls from the attack of mould and algae and prevents their development and formation.

306 BIOANTIMUFFA is ideal for **environments with poor ventilation** such as kitchens, bathrooms, cellars and in general for walls facing north where the presence of water vapour, humidity and sudden temperature changes tend to cause the development and formation of mould. In general, it is suitable for **all rooms in the house**, including living rooms, bedrooms and transit areas.

The protective and preventing action against mould of 306 BIOANTIMUFFA is increased if the product is applied together with the products of the specific cleaning cycle of the Oikos sanitizing paints range.

The product is certified in class A+ under emissions classifications (Decree of the Official French Gazette dated 19th April 2011). With low odour level, non inflammable, with no added formaldehyde.

MAIN CHARACTERISTICS

- ANTI MOULD
- VERY GOOD YIELD
- WASHABLE

Ideal Use

Interior walls with problems of mould and algae.

Surface Preparation

Prepare the affected surface by removing moulds/algae by using the specific detergent STERYLFIX by OIKOS and the sanitising STERYLSAN by OIKOS.

On very absorbent or crumbly surfaces, apply the necessary acrylic sealer 240 BIOFISSATIVO UNIVERSALE by OIKOS. Wait at least 6 hours before applying finishing products.

Application Method

Using a roller or a brush, apply a first coat of 306 BIOANTIMUFFA diluted 30÷40% with drinkable water. After approximately 6÷8 hours proceed with the application of a second coat of the product diluted 25÷30% with drinkable water. For spray gun application dilute 25% drinkable water. 306 BIOANTIMUFFA can be applied as a preventive measure also on healthy walls, in which case the application of preparatory products is not necessary.

SCHEDA TECNICA WTE/306/04

Technical Characteristics: Application

Dilution:	Brush/Roller: 1° coat: 30+40%, 2° coat: 25-30% with drinkable water. Spray gun: 25% drinkable water
Yield:	New wall, civil plaster: 14-16 m ² /l per coat. New wall, gypsum plaster: 18-22 m ² /l per coat
Application tools:	Brush, roller or spray gun (nozzle 1,7 mm)
Primers:	STERYLSAN, 240 BIOFISSATIVO UNIVERSALE 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, anti-mould and anti-algae additives.
Specific weight:	1.55 Kg/l ±3% (white)
Ph:	8-9.5
Viscosity:	21,000 ± 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=0,0411 m (UNI EN ISO 7783-2:2001)
Resistance to washing:	Class 3 (UNI EN ISO 11998)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:	Classification: A/a; VOC: < 1 g/l Limit Phase II (from 01/01/2010); 30 g/l
Emission class:	A+ (Decree of the Official French Gazzette dated 19th April 2011)
Colours:	White + colours from the colour chart
Packaging:	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

Remove moulds/algae by using a detergent such as STERYLFIX by OIKOS and a sanitising product such as STERYLSAN by OIKOS. Clean the surface to be treated and remove any loose materials. For crumbly or very absorbent substrates, apply an acrylic sealer such as 240 BIOFISSATIVO UNIVERSALE by OIKOS. Apply two coats of a sanitizing, vapour permeable paint against moulds and algae with class 3 washability, water vapour permeability Sd = 0,0411, with no added formaldehyde, TVOC A+ under

SCHEDA TECNICA WTE/306/04

emissions classifications and VOC: < 1, such as 306 BIOANTIMUFFA by OIKOS. All must be carried out in accordance with the norms of application at a cost of m² inclusive of materials and labour.

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 two different products, of the same colour, should be applied on the same wall. It is recommended to not use different batches of coloured 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.