

TECHNICAL DATA SHEET  
**304**  
BIOCOPRITUTTO

### Technical qualities

304 BIOCOPRITUTTO. Acryl-vinyl bio-paint in water dispersion with pigments and high coverage fillers, for interior use. **Gives excellent coverage and very good washability (class 2). Single coat application.**

304 BIOCOPRITUTTO is ideal for all types of support, from brand new plasterboard to more traditional surfaces such as plastered and screeded walls, wood, and already painted surfaces.

304 BIOCOPRITUTTO **contributes to hiding imperfections in the filling of joints on plaster board surfaces**, improving in this way, the aesthetic effect of the finish. As well as being applied by brush and roller, 304 BIOCOPRITUTTO **can also be applied by spray with a good yield**, excellent aesthetic finish and a very quick application.

It is suitable for use in all kinds of spaces especially **living rooms and bedrooms and high traffic areas** and makes it possible to have a durable finish over time that is resistant to dirt and wear and tear thanks to its excellent washability (class 2).

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

**The product has been dermatologically tested at Ferrara University with TVOC0 and is certified in class A+ under emissions classifications (Decree of the Official French Gazette dated 19<sup>th</sup> April 2011). The material has a low odour level and is non inflammable.**

#### MAIN CHARACTERISTICS

- **HIGH COVERAGE**
- **WASHABLE**
- **ONE COAT FINISH**

### Ideal Use

Interior walls both in masonry and plasterboard

### Surface Preparation.

Clean the surface to be painted, removing all dust and any loose or flaking material. On very absorbent or crumbly surfaces, apply the necessary acrylic sealer 240 BIOFISSATIVO UNIVERSALE by OIKOS. In order to increase the coverage of the application cycle, apply the pigmented primer 210 BIOFONDO COPRENTE 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, roller or spray gun apply one or two coats of 304 BIOCOPRITUTTO according to the required coverage Dilute the product 20% with water for application by roller or spray gun, 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 DATA SHEET WTE/304/03

### Technical Characteristics: Application

Dilution:	Roller, spray gun: Max 20% Brush: Max 30% drinkable water
Yield:	10 ÷ 12 m <sup>2</sup> /l per coat
Application tools:	Brush, roller, roller for enamels art. A04
Primers and sealers:	240 BIOFISSATIVO UNIVERSALE, 210 BIOFONDO COPRENTE 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
Permeability to water vapour Sd:	High. Sd = 0,019m (EN ISO 7783-2)
Resistance to washing:	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 Compound (VOC), according to the directive 2004/42/CE	Classification: A/a ; VOC: 4 g/l Limit Phase II (from 1.1.2010): 30 g/l
Emissions Class:	A+ (Decree of the Official French Gazette dated 19th April 2011)
Colours:	White + colours from colour collection
Packaging:	Litres 4-12

### 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 a sealer based on acrylic resins such as 240 BIOFISSATIVO UNIVERSALE by OIKOS, or to increase the coverage of the application cycle apply the primer 210 BIOFONDO COPRENTE by OIKOS. After 6 hours apply two coats of an acrylic-vinyl paint in washability class 2, permeability to vapour water Sd = 0,019, no added formaldehyde, TVOC in emissions class A+ and VOC: 4, such as 304 BIOCOPRITUTTO by Oikos, protective, unalterable, self-expanding and water repellent. All must be carried out in accordance with the norms of application, at a cost of ..... m<sup>2</sup> 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

## TECHNICAL DATA SHEET WTE/304/03

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 material on the same wall.

### Note

The company Oikos Spa 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.