

Technical characteristics

Solvent-free, ecological enamel ideal for renovating walls and floors in ceramic, stone, concrete, terracotta and so on. Water-based enamel with satin finish. It adheres well to the surface and dilates to give excellent coverage. The product is non-yellowing and resistant to abrasion and washing. Easy to apply, it represents the simplest, most immediate and convenient solution to give a new look to floors and tiles in bathrooms and kitchens, thanks also to its colour collection. The product is odourless and certified in class A+ under emissions classifications (Decree of the Official French Gazette dated 19th April 2011). It does not contain formaldehyde. Product with patented antibacterial technology HeiQ - Viroblock which offers effective and lasting protection of surfaces from microbes, germs and bacteria. (ISO 22196).

Ideal use

Floors and walls in ceramic and concrete, in interiors.

Surface preparation

Clean the surface to be treated, removing any loose material. Traces of dirt or grease must be removed using appropriate products. The substrates shall be free of moisture.

We recommend sanding and matting of excessively smooth and glossy surfaces on which a coat of AGGRAPPANTE ECOLOGICO shall then be applied. On concrete surfaces it is advisable to apply a coat of AGGRAPPANTE ECOLOGICO to enhance the adhesion and improve coverage. The substrates shall be free of moisture.

Application method

Apply two coats of ECOSMALTO PER CERAMICA, ready to use, using a special brush for acrylic enamels or roller leaving 6 ÷ 8 hours between coats. When working on vertical surfaces do not exceed with the quantity of applied material so as to avoid dripping, especially inside joints.

Warning: the product reaches its maximum strength after 8 days from application. Wait at least 7 days before washing and use not excessively aggressive detergents and cloths. The product is not suitable for surfaces with water stagnation or heavy traffic.

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 cau-

The application

Dilution	by brush or roller: ready to use, max 5% drinkable water
Yield	12 ÷ 14 m ² /l per coat
Application tools	brush for acrylic enamel, roller
Base coat	AGGRAPPANTE ECOLOGICO
Moisture	the substrate shall be free of moisture
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: tack free	2 ÷ 3 h (temperature= 20°C humidity not higher than 75%)
Drying time: fully cured	8 days (temperature= 20°C humidity not higher than 75%)
Drying time: washing	7 days (temperature= 20°C humidity not higher than 75%)
Tools cleaning	Water

The product

Composition	Special acrylic resins in water dispersion, covering fillers, organic and inorganic pigments
Specific weight	1,15 kg/l +/- 3% (white, base P)
PH	8÷9.5
Gloss	25+/-5 gloss (applied on gloss panel at 120 µm wet, reflectometer 60°C)
Viscosity	20.000 CPS +/-10% Brookfield (RVT 20 revs/min at 25°C)
Resistance to washing	Class 1 washability (UNI EN ISO 11998:2006)
Dirt retention	ΔL =0,25 very low
Adhesion to traction (pull-off)	1,5 MPa break type A
Storage Temperature	+2°C ÷ +36°C. Keep from freezing
Complies with the ISO 22196:2011 standard	Evaluation of antibacterial activity.
Emissions classification	A+ (Decree of the Official French Gazette dated 19th April 2011).
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/i; VOC: 67 g/l (max); Limit Phase II (from 01/01/2010): 140 g/t
Colours	White + shades of the colour chart
Packaging	0,75 – 2,25 l

tionary 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

Apply an acrylic eco-enamel with satin finish for ceramics in class A+ under emissions classifica-

tion, with class 1 washability such as ECOSMALTO PER CERAMICA using the specific primer according to the surface to be treated. All must be carried out in accordance with the norms of application, at a cost ofmq. inclusive of materials and labour. Scaffolding not included.

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.