

## TECHNICAL DATA SHEET

### BLANKOR

#### Technical Qualities

BLANKOR is a special pigmented, infilling, primer for exteriors. It consists of acrylic resins in water dispersion and titanium dioxide fillers. The product is highly pervasive, consolidates the surface and makes the absorption uniform. Thanks to its excellent hiding power, it allows saving on finishing products. BLANKOR can be applied on alkaline substrates, civil plasters, rough plasters, old walls, chalking or highly absorbent plasters. It has a low odour level, is, non-inflammable and friendly to both humans and the environment.

#### Ideal Use

Internal and external walls.

#### Surface Preparation

The surface to be treated must be thoroughly dry and mature. New plasters need at least 30 days for maturation and to allow complete carbonation of the support. Sand down or strip surfaces in order to remove imperfections and any loose or flaking materials. On restoration projects, leaks and water infiltrations must be completely repaired.

#### Application Method

Apply one coat of BLANKOR by OIKOS diluted with 50 ÷ 80% drinkable water by using a brush, roller or spray gun (1.7 mm nozzle). Allow 6 ÷ 8 hours to dry before the application of finish products.

#### Finishes

Finish products from the Exterior Division.

#### Technical Characteristics: Application

Dilution: Dilute with 50 ÷ 80% drinkable water

Yield: 14 ÷ 18 m<sup>2</sup>/lt in one coat approx. depending on the substrate absorption

Application tools: Brush, roller or spray gun (1.7 mm nozzle)

Application

temperature: +5°C ÷ +35°C (with relative humidity not exceeding 80%)

Drying time tack free : 1 ÷ 2 hours (temperature = +20°C with relative humidity not exceeding 75%)

Drying time fully cured : 10 ÷ 12 hours (temperature = 20°C with relative humidity at 75%)

Time until possible

to coat over: 6 ÷ 8 hours (temperature = 20°C with relative humidity at 75%)

Tools cleaning: Water

**Technical Characteristics: Product**

Composition: Acrylic resins in water dispersion, high coverage fillers, titanium dioxide, organic and inorganic pigments and preservatives to aid application and the formation of the surface film.

Specific weight: 1.37 kg/l +/-3% (White)

pH: 8 ÷ 9

Viscosity: 20,500 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)

Storage temperature: +2°C ÷ +36°C. Keep from freezing.

Reaction to fire: None if applied on to non-inflammable surfaces: water-based material with dry thickness less than 0.600 mm

Resistance to tear and adhesion: In compliance with DIN ISO 4624 standard: tear resistance 1.3 N/mm<sup>2</sup>, cohesion crack under the paint working range

Emission limits of Volatile Organic

Compounds (VOC) Classification: A/h; VOC: 20 g/l (max)  
 according to Limit Phase I (from 01/01/2007): 50g/l  
 directive 2004/42/CE: Limit Phase II (from 01/01/2010): 30g/l

Colour: White + shades of colour chart

Packaging: 4 - 14 lt Kg

## **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**

Clean the surfaces to be decorated and remove any loose or flaking material. In case of new plasters, make sure the substrate is thoroughly dry. Apply one coat of a fixing and filling agent such as BLANKOR by OIKOS. Allow 6 ÷ 8 hours to dry before proceeding in the application of finish products. All procedure must be carried out following closely all application instructions, cost ..... per m<sup>2</sup> including application and materials. Scaffolding not included.

*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.*