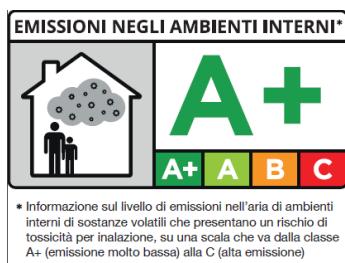


TECHNICAL DATA SHEET  
**MICOTRAL**

## Technical Qualities

Anti-condensation paint containing hollow glass microspheres that act as insulation and are able to therefore reduce the temperature difference between interior and exterior and as such contributing in preventing the formation of moulds and algae and in relative terms to energy saving. It maintains the vapour permeability of the wall and keeps it warm. Available in 116 shades.

Product certified in class "A+" under emissions classifications (Decree of the Official French Gazzette dated 19th April 2011).



## Ideal Use

Interior walls with problems of condensation, north facing walls and walls with little exposure to the sun.

## Surface Preparation

Prepare the surface by removing all existing mould and algae using the indicated detergent STERYIFIX by OIKOS and with the sanitizing primer STERYLSAN by OIKOS.

## Application Method

The application method for MICOTRAL varies according to the effect desired.

Smooth finish: apply by brush or roller a first coat of MICOTRAL diluted 25 ÷ 30% with drinkable water.

After 6 ÷ 8 hours, apply the second coat of the product diluted 20 ÷ 25% with drinkable water.

Orange peel finish: apply a coat of the product diluted 20 ÷ 25% with drinkable water. After 6 ÷ 8 hours apply by roller, a second coat of the product undiluted.

## Technical Characteristics: Application

Dilution: Smooth finish first coat: 25 ÷ 30% with drinkable water,

second coat: 20 ÷ 25% with drinkable water;  
orange peel finish: first coat 20 ÷ 25% with drinkable water,  
second coat: apply the product undiluted.

**Yield:** Smooth finish: 4 ÷ 5 m<sup>2</sup>/l in two coats.  
Orange peel finish: 2 ÷ 3 m<sup>2</sup>/l in two coats

**Application tools:** Brush, roller.

**Primer:** STERYLSAN by OIKOS.

**Application temperature:** +5°C ÷ +36°C (with relative humidity not exceeding 80%)

**Drying time until Touch dry:** 1 ÷ 1,30 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: Product

**Composition:** Acrylic resins in water dispersion, hollow glass microspheres, organic and inorganic pigments and special additives to facilitate application and to prevent the formation of mould and algae.

**Specific weight:** 0,96 kg/l +/- 3%

**pH:** 8 ÷ 9,5

**Viscosity:** 9.500 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)

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

**Reaction to fire:** Negative if the product is applied on a non inflammable base; water based material with dry thickness of less than 0,600 mm

**Permeability to water vapour Sd:** 0,7 m (max allowed limit 2 m DIN 52 615)

**Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE**

Classification: A/a; VOC: 16 g/l (max);

Phase II Limit (from 1.1.2010): 30 g/l

**Emissions Class:** A+ (Decree of the Official French Gazette dated 19th April 2011)

**Colours:** White + Pastel Colours colour chart "Le tonalità del Bianco"

Packaging: Liters 1–4–10

## 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

Clean the surface to be treated by removing any loose or flaking material. Remove all mould and algae using a detergent such as STERYLFIX by OIKOS and a sanitising primer such as STERYLSAN by OIKOS. Apply two coats of an anti-condensation paint in class A+ under emissions classification such as MICOTRAL by OIKOS. 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.

## Notes

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.