

## TECHNICAL DATA SHEET

### ----- PAINT DIVISION -----

#### SIRIUS 2001

#### **sez. 1.0 Technical characteristic**

SIRIUS 2001 is a brilliant white, high covering, vapour permeable paint in water dispersion. It is characterized by a high grade of white. Its special formulation makes it suitable for use on any interior wall surface, especially when a good level of vapour permeability is required. It has a low level of odour, is non inflammable and is friendly to both humans and the environment.

#### **sez. 2.0 Ideal Use**

Interior walls.

#### **sez. 3.0 Surface preparation**

Clean the surface, removing any loose material.

#### **sez. 4.0 Application method**

Apply by brush, roller or spray gun, two coats of SIRIUS 2001 diluted 30 ÷ 40% with drinkable water.

#### **sez. 6.0 Technical Characteristic: application**

Dilution	30%-40% with drinkable water according to the surface
Yield	5-6 m <sup>2</sup> /l in two coats.
Tools	Brush, roller or spray gun (1.7 mm nozzle)
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time: tack free	1 ÷ 1.3 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

#### **sez. 7.0 Technical Characteristic: the product**

Composition	Acrylic resins in water dispersion, organic and inorganic pigments, additives aimed at helping application and film formation.
Specific weight	1.54 Kg/l ±3%
Ph	8-9
Viscosity	20,000 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative when the product is applied onto a non inflammable surface: water based material with dry thickness of less than 0,600 mm
Water vapour permeability (Sd)	0.25 m (max allowed limit 2 m DIN 52 615)
Resistance to washing	Conforms to the norm DIN 53 778, resistant to at least 1,000 abrasive cycles.
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/a; VOC: 6g/l (max); Limit Phase I (from 01/01/2007): 75g/l, Limit Phase II (from 01/01/ 2010): 30g/l
Available colours	White + Pastel Colour Chart from DCS Decor Color System by OIKOS.
Packaging	2.5 - 4 - 14 l

### **sez 8.0 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.

### **sez. 9.0 Specifications**

Clean the surface, removing any loose material. Apply a vapour permeable, high covering brilliant white paint such as Sirius 2001 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.

### **Note**

*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.*