

## TECHNICAL DATA SHEET

### ----- FAÇADE DIVISION -----

#### Sealer for Lime Cycles

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

SEALER FOR LIME CYCLES by OIKOS is a transparent, consolidating primer for interior and exterior, indicated for use in painting cycles of lime products. The product is highly pervasive and consolidates the surface. The use of SEALER FOR LIME CYCLES by OIKOS also regularizes the absorbency of the surface thus easing the application of finishing products and reducing the quantity consumed. By creating a stable link with the surface, the product maintains the level of vapour permeability of the support and creates an ideal base for the adhesion of the lime finishing products by OIKOS. SEALER FOR LIME CYCLES by OIKOS can be applied on alkaline surfaces, old walls, cement plasters, gypsum plasters, rough plasters, flaking or deteriorated plasters. It has a low odour level, is non-inflammable and is friendly to both humans and the environment.

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

Alkaline surfaces, cement plasters, gypsum plasters, rough plasters and old walls in interior and exterior of prestigious / historically important buildings.

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

The surface must be dry and mature, new plasters should be left to mature for at least 30 days to allow complete carbonation of the surface. Clean the surfaces and remove loose and flaking material. In case of restoration, water infiltrations and leakages must be repaired.

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

Apply SEALER FOR LIME CYCLES by OIKOS (ready to use) by brush or roller. Repeat the application in presence of salts. Wait 12 hours before applying finish products.

#### **sez. 5.0 Finish**

For the finish it is possible to use LIME PAINT ADIGE, VERONA, NATURAL MARMORINO, TRADITIONAL PLASTER, LIME SCREED by OIKOS.

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

Dilution	Ready to use
Yield	6 ÷ 8 m <sup>2</sup> /l in one coat, according to surface absorbency
Application tools	Brush, roller
Application temperature	+5°C ÷ +36°C (when relative humidity not over 80%)
Drying time: tack free	1 h (at 20°C and relative humidity 75%)
Drying time: fully cured	10-12 h (at 20°C and relative humidity 75%)
Tools cleaning	Water

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

Composition	Resins in water dispersion, additives aimed at easing application and conservation.
Specific weight	1 kg/l +/-3%
pH	pH: 8 ÷ 8.5
Viscosity	50±5% CPS Brookfield ( RVT 20 revs/min. to 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative when applied onto a non inflammable surface. It is a water-based product with dry thickness less than 0.60 mm
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/h; VOC: 3 g/l (max); Limit Phase I (from 01/01/2007): 50g/lt, Limit Phase II (from 01/01/ 2010): 30g/lt
Available colours	Not coloured
Packaging	1 l – 5 – 20

### **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

### **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*