

## TECHNICAL DATA SHEET

### ----- FAÇADE DIVISION -----

#### Elastrong Stucco

#### sez. 1.0 Technical characteristic

ELASTRONG STUCCO by OIKOS is special elastic filler for exteriors with a smooth matt finish. Its special formula consists of acrylic elastomers in water dispersion, synthetic fibers and anti shrinkage inert fillers. The product is easy to apply, has excellent adhesion to substrate and outstanding elasticity preventing at the same time the development of mould and algae. It is ideal for smoothing and filling substrates subject to cracks and fissures, on concrete plasters, reinforced concrete, prefab panels and fiber cement. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

#### sez. 2.0 Ideal Use

Interior and exterior surfaces subject to hairline cracks and fissures

#### sez. 3.0 Surface preparation

Clean the surfaces to be treated and remove loose or flaking materials. If possible, enlarge the fissures so as to make it easier for the product to enter.

#### sez. 4.0 Application method

In case of chalking substrates apply, as primer, NEOKRYLL by OIKOS, allow 4 ÷ 6 hours to dry. Subsequently, according to the desired thickness, apply one or two coats of ELASTRONG STUCCO by OIKOS by stainless steel trowel. Allow 24 hours to dry before applying finishing products.

#### sez. 5.0 Finish

ELASTRONG by OIKOS finishing products.

#### sez. 6.0 Technical Characteristic: application

Dilution	Ready to use
Yield	1.6 kg/m <sup>2</sup> average with a thickness of 1 mm.
Application tools	stainless steel trowel
Primer	NEOKRYLL by OIKOS
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: tack free	3 ÷ 4 hours (temperature = +20°C with relative humidity not exceeding 75%)
Drying time: fully cured	24 hours (temperature = +20°C with relative humidity not exceeding 75%)
Drying time: painting over	24 hours (temperature = +20°C with relative humidity not exceeding 75%)
Tools cleaning	water

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

Composition	Acrylic elastomers in water dispersion, synthetic fibers, anti-shrinkage inert fillers, preservatives and additives aimed at helping application and adhesion to substrate
Specific weight	1.7 kg/l +/- 3%
pH	8.5 ÷ 9.8
Viscosità	40.000 +/-5% CPS Brookfield (RVT 20 r.p.m. at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep away from frost
Fire reaction	None if applied on a non-inflammable surface: water based material with a thickness when dry or 0.600 mm.
Adhesion	In compliance with DIN ISO 4624 standard
Colours	Light grey
Packaging	1 - 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 surfaces to be treated and remove loose or flaking materials. If possible, enlarge the fissures so as to make it easier for the product to enter. In case of new plasters, make sure the substrate is thoroughly dry. In case of chalking substrates apply a primer such as NEOKRYLL by OIKOS. Apply then one or two coats (according to the desired thickness) of an elastic filler such as ELASTRONG STUCCO by OIKOS by stainless steel trowel. All must be carried out following closely all application instructions, cost ..... per m2 including materials and labour. Scaffolding not included.

### **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*