

## TECHNICAL DATA SHEET

### ----- FAÇADE DIVISION ----- *Elastrong Rasatura Elastica*

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

ELASTRONG RASATURA ELASTICA is a special elastic screed, ideal for exterior walls subject to hairline cracks and micro fissures.. Its special acrylic elastomers, synthetic fibers and anti shrinkage inert fillers, makes the product easy to apply, guarantees excellent adhesion to the substrate and gives it outstanding elasticity, further more it prevents the development of mould and algae. The product helps compact plasters, making adhesion of further applications easier, allowing a saving of further coats of paint. The product is recommended for substrates such as civil plasters, reinforced concrete and prefab panels. 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 that are subject to hairline cracks.

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

Clean the surfaces to be treated and remove loose or flaking materials. New substrates must be thoroughly dry and mature.

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

Clean the surfaces to be treated and remove loose or flaking materials. In case of old, absorbent and powdery substrates, apply first one coat of NEOKRYLL by OIKOS allowing 4-6 hours for drying. Apply one coat of ELASTRONG RASATURA ELASTICA by stainless steel trowel to obtain an even surface. After 10 15 minutes, pass over the surface again with the inox trowel. Allow 24 hours to dry before proceeding in further applications.

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

Finish coatings from the ELASTRONG Line by OIKOS

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

Dilution	Ready to use
Yield	2 – 3 m <sup>2</sup> /l according to the substrate
Application tools	stainless steel trowel
Fixative	NEOKRYLL by OIKOS
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: tack free	1 ÷ 2 h (temperature = +20°C with relative humidity not exceeding 75%)
Drying time: fully cured	10 - 12 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	1.35 kg/l +/-3%
pH	8 ÷ 9
Viscosity	50,000 +/-5% CPS Brookfield (RVT 20 r.p.m. at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	None if applied on a non-inflammable surface: water based material with a thickness when dry or 0.600 mm.
Vapour permeability Sd	0.5 m (max. allowed limit 2 m DIN 52 615)

Adhesion	In compliance with DIN ISO 4624 standard
Crack Bridging Ability (CBA) UNI EN 1062-7:2005	Cycle: <u>Blankor, Elastrong Rasatura Elastica, Elastrong Rialto</u> Class 3 (GREATER THAN 500 MICRONS)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/c; VOC: 10 g/l (max); Limit Phase I (from 01/01/2007): 75g/lt, Limit Phase II (from 01/01/ 2010): 40g/lt
Colours	White
Packaging	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. In case of old, absorbent and powdery substrates, apply first one coat of a primer such as NEOKRYLL by OIKOS. In case of new plasters, make sure the substrate is thoroughly dry. Subsequently, apply one coat of a screed such as ELASTRONG RASATURA ELASTICA by OIKOS by using a stainless steel trowel. Allow to dry for 24 hours before proceeding in further applications. All must be carried out following closely all application instructions, cost ..... per m<sup>2</sup> including application and materials. 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*