

### Technical Qualities

ELASTRONG VENEZIA/VENEZIA FINE is a homogeneous elastic medium grain coating, which provides a troweled finish. The product consists of special acrylic elastomeric resins in water dispersion which provide excellent weatherability and resistance to acids, U.V.-rays and frost-thaw cycles. Marble and sand selected grains and titanium dioxide hiding extenders give the product a high hiding power and a prestigious aesthetic finish. ELASTRONG VENEZIA/VENEZIA FINE is characterized by a good filling power, excellent water-repellence and vapour permeability properties: it also prevents the formation of moulds and algae. The special acrylic resins and the addition of synthetic fibres make the product elastic, stretchable and highly flexible. For this reason, it is recommended for protecting and restoring all wall surfaces, and especially those that may be subject to cracking or fissures. In the event that an even greater level of protection against mould and algae is needed, it is recommended to add the indicated additive STERYLPLUS to the product. It has a low odour level, is non-inflammable and is friendly to both humans and the environment.

### Ideal Use

Exterior surfaces that are subject to cracks and fissures.

### Surface Preparation

The surfaces must be completely dry and mature, new plaster must mature at least 30 days in order to consent the carbonation process. Clean the surfaces to be decorated and remove loose or flaking materials. In case of restoration works, rectify any water infiltrations or leakages. Allow the wall to dry, then apply the special primer BLANKOR by OIKOS. Allow the primer to dry for 6 - 8 hours then apply the finishing products.

### Application Method

By stainless steel trowel, apply ELASTRONG VENEZIA/VENEZIA FINE according to its grain thickness. Using the same tool, polish the surface by sleeking with circular movements to evenly spread the product.

### Safety information

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

### The product

Composition	Acrylic elastomers in water dispersion, synthetic fibres, high coverage fillers based on titanium dioxide, marble, selected sand, preservatives and additives aimed at helping application and adhesion to substrate.
Specific weight	1.71 kg/l ±3% (White)
Texture	<ul style="list-style-type: none"> <li>• VENEZIA FINE max=1.2mm</li> <li>• VENEZIA max = 1.8mm</li> </ul>
pH	8.5 ÷ 9.5
Viscosity	40,000 ±5% CPS Brookfield (RVT 20 r.p.m. at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Water absorption W <sub>24</sub>	Class W <sub>3</sub> (low permeability), w = 0,036 kg/(m <sup>2</sup> h0,5) (EN 1062-3:2001)
Vapour permeability Sd	Class V2 (average permeability), Sd=1,32 m (EN ISO 7783-2:2001)
Measurement of bond strength by pull off	fh = 0,4 MPA (min. fh > 0,3 MPA) (EN 1542:2000)
Durability	fh = 0,4 MPA (min. fh > 0,3 MPA) (EN 13687-3:2003)
Thermal conductivity	λ10,dry= 1,28 W/mK (P=90%) (EN 1745:2005)
Reaction to fire	Euroclass F (EN 13501:2009)
Resistance to washing	In compliance to DIN 53 778, resistant at least 1,000 abrasive circles
Resistance to abrasion	In compliance to DIN 53 778, resistant at least 5,000 abrasive circles
Resistance to tearing and adhesion	Conform to DIN ISO 4624 standard
Crack Bridging Ability (CBA)	<ul style="list-style-type: none"> <li>• Cycle: Blankor, Elastrong Venezia/ Venezia Fine</li> <li>• Class A3 (GREATER THAN 500 MICRONS) UNI EN 1062-7:2005</li> </ul>
CE labelling	Conforms to the norm (EN 15824:2009)
Emission limits of according Volatile Organic Compounds (VOC) to directive 2004/42/CE	<ul style="list-style-type: none"> <li>• Classification: A/c</li> <li>• VOC: 37 g/l (max)</li> <li>• Limit Phase I (from 01/01/2007): 75g/lt</li> <li>• Limit Phase II (from 1.1.2010): 40 g/l</li> </ul>
Colours	White and Shades from the colour chart
Packaging	Liters 4 - 14

### The application

Dilution	Ready to use
Yield	<ul style="list-style-type: none"> <li>• VENEZIA FINE: 1 m<sup>2</sup>/l</li> <li>• VENEZIA: 0.6 - 0.7 m<sup>2</sup>/l</li> </ul>
Application tools	stainless steel trowel
Fixative	BLANKOR by OIKOS
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time until touch dry	3 ÷ 5 h (temperature = +20°C with relative humidity not exceeding 75%)
Total drying time	24 hours (temperature = 20°C with relative humidity at 75%)
Tools cleaning	Water

### Specifications

Clean the surfaces to be decorated and remove loose or flaking materials. In case of new plasters, make sure the substrate is thoroughly dry. To make absorption uniform and chalking substrates more compact, apply a primer such as BLANKOR by OIKOS. Using an Inox steel trowel, evenly spread one coat of a ho-

mogeneous elastic coating such as ELASTRONG VENEZIA/ VENEZIA FINE by OIKOS according to the thickness given by the grain. Then polish by sleeking the surface with circular movements using the same tool. All must be carried out following closely all application instructions, cost..... per m<sup>2</sup> including application and materials. Scaffolding not included.