

TECHNICAL DATA SHEET

Elastrong Venezia/Venezia Fine

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 new plasters, make sure the substrate is thoroughly dry. 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.

Technical Characteristics: Application

Dilution: Ready to use

Yield:	VENEZIA: 0.6 – 0.7 m ² /l; VENEZIA FINE: 1 m ² /l
Application tools:	stainless steel trote
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

Technical Characteristics: 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:	VENEZIA max = 1.8mm; VENEZIA FINE max=1.2mm
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
Reaction to fire:	None if applied on a non-inflammable surface: water based material with a thickness when dry or 0.600 mm.
Water absorption W24:	0.3 kg/m ² .h0.5 DIN 52 617 (max. allowed limit 0.5 kg/m ² .h0.5 DIN 52 617)
Vapour permeability Sd:	0.34 m (max. allowed limit 2 m DIN 52 615)
Resistance to washing:	In compliance to DIN 53 778, resistant at least 1,000 abrasive circles

SCHEMA TECNICA EXT/ev/04

Resistance to abrasion:	In compliance to DIN 53 778, resistant at least 5,000 abrasive circles
Crack Bridging ability (CBA):	Cycle: <u>Blankor, Elastrong Venezia/ Venezia Fine</u> Class A3 (GREATER THAN 500 MICRONS) UNI EN 1062-7:2005
Adhesion	Conforms to the norm DIN ISO 4624
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:	Classification: A/c; VOC: 37 g/l (max); Limit Phase I (from 01/01/2007): 75g/l, Limit Phase II (from 1.1.2010): 40 g/l
Colours:	White and Shades from the colour chart
Packaging:	Kg 4 - 14

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

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 homogeneous 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 m² including application and materials. Scaffolding not included.

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.