

Technical Qualities

SILKOS Torino by Oikos is an exterior paint based on acrylic-siloxanic resins. The product has exceptional resistance to chemical and atmospheric agents, maintaining the vapour permeability of the surface. It has a high level of water repellence that helps prevent the formation of mould and algae. The product can be used as a finish on all types of wall surface, high diffusion and de-humidifying plasters, it is also suitable for use on thermal insulation systems. In case a better prevention against algae and moulds is needed we suggest the addition of the specific sanitizing product STERYLPLUS. SILKOS TORINO has a Low Environmental Impact and is friendly to both humans and the environment. Compliant with CAM (Minimum Environmental Criteria), III level certification. EPD.

EPD®



Ideal Use

Exterior walls, facades, cement conglomerates and particularly suitable for use on high diffusion and de-humidifying plasters and exterior thermal insulation systems.

Surface Preparation

Surfaces should be dry and fully mature. New plasters should have matured for at least 30 days to allow the complete carbonation of the support. Carefully brush or strip the surface removing all loose or flaking material. If it is a restoration project, water infiltrations or leaks must be fully repaired. Apply the indicated sealer NEOKRYLL or BLANKOR by OIKOS for all the types of surfaces mentioned above or DECORSIL PRIMER or DECORSIL PRIMER PIGMENTATO by OIKOS for high diffusion or de-humidifying plasters. Wait 8-10 hours before applying finish products.

Application Method

Using a brush or roller, apply two coats of SILKOS TORINO by Oikos diluted 15 ÷ 20% with drinkable water. Wait 6 hours between coats.

Finish

To give walls a wash effect, it is possible, on fully dry surfaces, to apply a coat of VELDECOR by OIKOS.

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 and movement 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.

Prodotto

Composition	Acrylic-siloxanic resins in water dispersion, high coverage fillers, titanium dioxide, organic and inorganic pigments, conservatives and additives to aid application and the formation of the surface film.
Specific weight	1.65 kg/l +/-3% (White)
pH	8 ÷ 9
Viscosity	27,000 +/-5% CPS Brookfield (RVT 20 revs/min. at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Reaction to fire	• Negative if applied on to a non inflammable surface; • water based material with a dry thickness not less than 0,600 mm
Water absorption W_{24}	LOW: 0,077 kg/m ² /(t*1/2) (UNI EN 1062-3:2001)
Vapour permeability Sd	HIGH: 0,016 m (UNI EN ISO 7783-2:2001)
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
CAM (Minimum Environmental Criteria):	III level certification. EPD
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification:A/c VOC: 8 g/l (max); Limit Phase II (from 1.1.2010): 40 g/l
Colori	White + colour chart
Confezioni	lt 1 - 4 - 14

Application

Dilution	15 ÷ 20% with drinkable water
Yield	4 ÷ 5 m ² /l in two coats depending to the absorption of the surface
Application tools	Brush, roller
Primers	Neokryll, Blankor, Decorsil Primer ,Decorsil Primer Pigmentato by OIKOS
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time until touch dry	2 ÷ 3 hours (temperature = 20°C with relative humidity at 75%)
Total drying time	24 hours (temperature = 20°C with relative humidity at 75%)
Time until possible to paint over	6 ÷ 8 hours (temperature = 20°C with relative humidity at 75%)
Tools cleaning	Water

Transportation must be carried out in accordance with international agreements.

Specifications

Clean the surface to be painted and remove any loose or flaking material. New surfaces must be dry and thoroughly mature. In the case of restoration projects, water infiltrations and leakages must be fully repaired. Wait till the wall is fully dry then apply a primer such as DECORSIL PRIMER PIGMENTATO or DECORSIL PRIMER by OIKOS. After 12 hours apply a façade paint composed of acrylic-siloxanic resins, with low water absorption: 0,077 kg/m²/(t*1/2) (UNI EN 1062-3:2001), high vapour permeability: 0,016 m (UNI EN ISO 7783-2:2001) such as SILKOS TORINO by OIKOS. All must be carried out in accordance with the norms of application, at a cost of m. inclusive of materials and labour, excluding scaffolding.

NOTE

The company Oikos Spa 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.