OIKOS
la pittura ecologica

TECHNICAL DATA SHEET
CRILUX

Technical Qualities

CRILUX is a special, vapour permeable, acrylic primer for porous substrates. The technical characteristics of CRILUX allow it to penetrate deep into the substrate and completely seal the surface. It is ideal for use on powdering surfaces, gypsum screeds and new wall surfaces in general. In accordance to DIN 52 615 and DIN ISO 4624, the product has a low level of odour, is non inflammable and friendly to both humans and the environment.

Ideal Use

Interior walls.

Surface Preparation

Clean the surface to be painted, removing all loose material. With new plasters, ensure that the substrate is thoroughly mature and dry.

Application Method

Dilute CRILUX according to the surface conditions and apply using a roller or a brush. In the case of new plasters, make sure that the substrate is thoroughly dry.

Finish

Finishing products of the Paint division OIKOS

Technical Characteristics: Application

Dilution: 1:3 with drinkable water for surfaces that already have an old coat of paint and for those walls stained by smoke and dirt.
1:5 with drinkable water for civil plaster with a normal level of absorption.
1:8 with drinkable water for highly absorbent surfaces. .

Yield: 20-60 m2/l according to the surface to seal

Application tools: Brush, roller or spraygun

Application temperature:	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time-tack free:	1-2 hours (temperature =20°C with relative humidity less than 75%)
Drying time-fully cured:	10-12 hours (temperature =20°C with relative humidity less than 75%)
Drying time-painting over :	6-8 hours (temperature =20°C with relative humidity less than 75%)
Tools cleaning:	water

Technical Characteristics

Composition:	Acrylic resins in water dispersion, additives helping pervasion and surface consolidation.
Specific weight:	1 Kg/l ±3%
pH:	8,5 ÷ 9,5
Viscosity:	50 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature:	2°C ÷ +36°C. (Keep from freezing)
Reaction to fire:	Negative if the product is applied on a non inflammable base; water based material with dry thickness of less than 0,600 mm.
Resistance to tear and adhesion:	Conforms to norm DIN ISO 4624
Tear test for adhesion evaluation:	1.3 N/mm$_2$, breaking point below the range of the paint
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:	Classification: A/h ; VOC: 1 g/l (max); Limit Phase II (from 1.1.2010): 30 g/l

Technical Data Sheet ci/03/en

Packaging: 1 – 4 – 10 l

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.

Specifications

Clean the surface, removing any loose material. Apply one or two coats of an acrylic sealer such as CRILUX by OIKOS, conform to norms DIN 52 615 and DIN ISO 4624, in order to obtain a perfectly sealed surface ready for the application of acrylic paints. All must be carried out in accordance with the norms of application, at a cost of ..... m^2. inclusive of materials and labour.

Notes

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.