

Technical qualities

NEOKRYLL is a transparent, acrylic fixative for exteriors. Its special formula, consisting of special acrylic resins with very fine particles, makes it highly pervasive (up to 5 mm) and allows an efficient consolidation and sealing of the substrate. It is especially recommended for highly absorbent walls, chalking substrates, old crumbly plasters, plaster screeds, mineral substrates, fibre cement and in general for all kinds of wall substrates. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

Ideal use

Internal and external walls.

Surface preparation

Apply on thoroughly dry and mature surfaces. New plasters should mature for at least 30 days to allow complete carbonation of the support. Sand down or strip surfaces in order to remove imperfections and any loose or flaking material. In case of restoration works, all water infiltrations and leakages must be repaired.

Application method

On substrates with normal absorption, apply one coat of NEOKRYLL by OIKOS diluted with 50% drinkable water. On highly absorbent or chalking substrates, apply two coats of the product, wet on wet, diluting it with 100% drinkable water. The product can be applied by using a brush, roller or spray gun (1.3 mm nozzle). Allow 4÷6 hours to dry before coating with finish products.

Finish

Finish products of the Façade Division.

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 resins in water dispersion, additives aimed at helping application and pervasion
Specific weight	1 kg/l ±3%
pH	7 ÷ 8
Viscosity	50 ±5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Reaction to fire	<ul style="list-style-type: none"> • None if applied on to non-inflammable surfaces • water-based material with dry thickness less than 0.600 mm
Resistance to adhesion and disjunction	<ul style="list-style-type: none"> • In compliance with DIN ISO 4624 standard • tearing resistance: 1.3 N/mm² • cohesion crack under the paint working range
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	<ul style="list-style-type: none"> • Classification: A/h • VOC: 2 g/l (max) • Limit Phase I (from 01/01/2007): 50g/lt • Limit Phase II (from 01/01/ 2010): 30g/lt
Colour	Transparent, colourless
Packaging	1 – 4 – 10 l

The application

Dilution	Dilute with 50 ÷ 100% drinkable water depending on substrate absorption
Yield	14 ÷ 18 m ² /l depending on substrate absorption
Application tools	Brush, roller or spray gun
Application temperature	+5°C ÷ +36°C (with relative humidity not higher than 80%)
Drying time: tack free	1 ÷ 2 hours (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	Allow 4 – 6 h (temperature = 20 °C with 75% relative humidity)
Tools cleaning	Water

Specifications

Clean the surfaces to be coated and remove any loose or flaking material. In case of new plasters, make sure the substrate is thoroughly dry and mature. On substrate with normal absorption, apply one coat of an acrylic fixative such as NEOKRYLL by OIKOS. On highly absorbent or chalking sub-

strates apply two coats, wet on wet, of an acrylic fixative such as NEOKRYLL by OIKOS. Allow 4 ÷ 6 hours to dry before spreading decorative finishes. All must 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.