

TECHNICAL DATA SHEET

----- FAÇADE DIVISION -----

Neokoll

sez. 1.0 Technical characteristic

NEOKOLL is a special adhesive screed for exteriors. Its formula, consisting of special acrylic resins and mineral inert fillers, makes application easier and insures maximum adhesion to the substrate and strong fixing power: it also prevents the development of mould and algae. NEOKOLL is especially recommended for gluing insulating elements, polystyrene panels, fibreglass, cork and for burying fibreglass reinforcing nets. The max. recommended thickness is 1 ÷ 1.5 mm. It is suggested for screeding over and repairing deteriorated plasters, for prefab panels and fibre cement. It has a low odour level, is non-inflammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Adhesive screed for the application of insulating panels and stabilising nets on exterior surfaces.

sez. 3.0 Surface preparation

Clean the surfaces to be treated and remove any loose or flaking material. In case of new plasters, make sure the substrate is thoroughly dry. In case of chalking substrates, apply NEOKRYLL by OIKOS as primer, allow 4 ÷ 6 hours to dry.

sez. 4.0 Application method

Before application, it is necessary to add 50% PTL 325 cement to NEOKOLL for gluing insulating elements or plates, or with 30% PTL 325 cement for screeding or to bury fibreglass stabilising nets. Apply using a stainless steel trowel. Allow to dry for 7 days before coating with finishing products: drying time can vary according to temperature and relative humidity.

sez. 5.0 Finish

For the application of smooth finishing products it is recommended to screed the wall with RASOFINISH by OIKOS.

sez. 6.0 Technical Characteristic: application

Dilution	For gluing: with 50% PTL 325 cement For screeding: with 30% PTL 325 cement
Yield	For gluing of panels 0.5 – 1 m ² /l, For burying stabilising nets 0.5 - 1 m ² /l
Application tools	Stainless steel trowel
Fixatives	NEOKRYLL by OIKOS.
Application temperature	+5°C ÷ +36°C (with relative humidity not higher than 80%)
Drying time: tack free	2 hours (temperature = +20°C with relative humidity not exceeding 75%)
Drying time: fully cured	7 days (temperature = 20°C with relative humidity not exceeding 75%)
Tools cleaning	Water

sez. 7.0 Technical Characteristic: the product

Composition	Acrylic resins in water dispersion, mineral inert fillers with different grains, preservatives and additives aimed at helping application and adhesion to substrate
Specific weight	1.43 kg/l +/-3%
pH	8 ÷ 9.5
Viscosity	10,000 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Reaction to fire	Non-inflammable
Vapour permeability (sd)	0.15 m DIN 52 615 (max. allowed limit 2 m DIN 52 615)

Resistance to adhesion and disjunction	In compliance with DIN ISO 4624 standard
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/c; VOC: 5 g/l (max); Limit Phase I (from 01/01/2007): 75g/l, Limit Phase II (from 01/01/ 2010): 40g/l
Available Colours	Light grey
Packaging	14 l

sez 8.0 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

sez. 9.0 Specifications

Clean the surfaces to be treated and remove any loose or flaking material. In case of new plasters, make sure the substrate is thoroughly dry. In case of powdering surfaces, apply a primer such as NEOKRYLL by OIKOS. Apply an adhesive such as NEOKOLL by OIKOS for gluing insulating elements or plates and for smoothing or for burying fibreglass nets. Apply by using a stainless steel trowel. Allow to dry for 7days before coating with finish products. All must be carried out following closely all application instructions, cost per m² including application and materials. Scaffolding not included.

Note

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