

Neoroo[®] 2K

Two-component, cementitious waterproofing system, for roofs

Properties

- Highly elastic
- Resistant down to -20°C.
- Water vapour permeable
- Walkable, not affected by UV radiation, even after many years.
- Environmentally friendly
- Bridges cracks, pores, joints of small width.
- Certified with CE (EN 1504-2)

Technical Characteristics

Mixing ratio (by weight)	2,5:1
Water permeability w (EN 1062-3:2008)	0,00kg/(m ² x h ^{0,5})
Absorption coefficient (24h) (EN 1062-3:2008)	0,00kg/m ²
Adhesive strength (EN 1542:2001)	1,40N/mm ²
Density (EN ISO 2811-1:12011)	1,022g/cm ³
Water vapor permeability Λ (EN 7783-1:1999)	0,001g/cm ² *d ⁻¹
Water vapor resistance coefficient (EN 7783-1:1999)	319,0
Coefficient S _d (EN 7783-1:1999)	1,75m
Permeability CO ₂ (EN 1062-6:2002 Method A)	0,332g/(m ² *d)
Resistance coefficient μ (EN 1062-6:2002 Method A)	1,50E+04
Coefficient S _d (EN 1062-6:2002 Method A)	82,24m
Color of mixture	Off white
Indicative consumption:	2-2,5 kg/m ² for 2 layers
Pot life	45 minutes (+25°C)

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX[®] SA .It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX[®] SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

Neoroo[®] 2K

Application temperature From +5°C to +35°C

Drying time 7 - 8 hours (+25°C)

Low temperatures during application prolong the setting time, while high temperatures bring it down.

Instructions for use

Surface Preparation: Surfaces must be dry, clean from dust, dirt, greasy substances and be homogeneous. Cavities or other imperfections must be repaired with **Neorep[®]** and **Revonex[®]**. Use **Revonex[®]**+water in a ratio of 1:4 to prime the surfaces.

Mixing preparation: gradually add the A component (solid) to the B (liquid) and mix with a low-rev stirrer (to avoid air entrapment) until it is homogeneous. Do not add water or other inert materials. If the partial application of the mixture is necessary, follow the mixing ratio (by weight) 2,5:1.

Application: apply the mixture without delay by brush, roller, spatula, preferably in 2 layers of 1 to 1,5mm thickness each, in order to obtain a final thickness of 2 to 3 mm. For thicker coatings and resistance to tearing, (e.g. at upstands, cracks) use fiberglass mesh **Gavazzi[®] 0059-A**, between the 2 coatings, while the 1st is still wet.

Notes

- Do not apply when rain is forecasted for the next 48 hours.
- **Neoroo[®] 2K** must be left to harden from 5 to 8 days after the application.

Packing

Set 17,5kg and 35kg.

Cleaning of tools

With hot water and soap, immediately after application.

Shelf Life

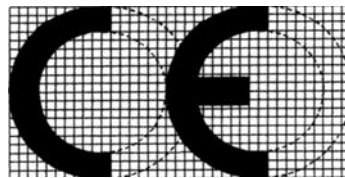
2 years, sealed in its original packing, protected from frost and direct exposure to sun, between +5 °C and +35°C.

Auxiliary Materials

Revonex[®]: Cans of 1kg, 5kg and 18kg

Fiberglass Gavazzi[®] 0059-A

Neoroo® 2K



1922

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EN 1504-2

Neoroo 2K

Surface protection system for concrete

Coating

Water vapour permeability	:	Class I
Capillary absorption and permeability to water	:	$W < 0,1 \text{ kg/m}^2 \text{ h}^{0,5}$
Adhesion strength	:	$\geq 0,8 \text{ N/mm}^2$
Permeability to CO ₂	:	$s_D > 50 \text{ m}$
Reaction to fire	:	Euroclass F
Dangerous substances	:	comply with 5.3