

SIMP PROTEZIONE

Water barrier

DESCRIPTION

Latest generation silane-based waterproofing agent, easy to apply, ready to use, solvent-free and therefore completely odourless, elastic and overpaintable. It can be applied to a variety of substrates, even wet ones. It creates a protective barrier against water and can be applied both indoors and outdoors. Effective soundproofing (-10 dB approx.).

AREAS OF APPLICATION

It can be applied to the following materials: concrete, metals, sheets, plastics, bricks, polystyrene, fiber cement, old bituminous sheaths, new or old screeds, floors, tiles, wood and fibreglass. During outdoor application it is not necessary to protect from rain for drying. The permitted uses are generally universal such as: protection of foundations, underground structures, plasterboard, flat and inclined roofs, bathroom foundations and shower trays, repair of chimneys and skylights with roof, repair of gutters and flashings, protection of canopies, including wooden ones. When it requires more coats, wait 4 hours before every application. Drying is completed after 24 hours at approximately 20°C. To repair breaks or cracks larger than 2 mm, use a synthetic fabric alternating product/fabric/product. For large surfaces in the presence of intense sun exposure, overpainting or dusting (on wet surfaces) with quartz sand is strongly recommended.

FEATURES

- Adheres to moist surfaces
- Odourless, can also be used indoors
- Excellent spreadable adhesive
- Paintable, comes in standard grey but can be coloured to suit every need
- Water does not compromise polymerization
- Application temperature +5°C with no relative humidity limits
- Tileable

TECHNICAL DATA

Appearance	Liquid
Colour	Grey
Specific gravity [Kg/dm ³] (NPT Method 06) (23°C and 50% RH)	Ca. 1.45
SHORE A [°]	25-30
Skin time [min.] (NPT Method 17) (23°C and 50% RH)	40-70
Elastic modulus at 100% [N/mm ²] (ISO 37; DIN 53504)	>0,8
Elongation at break [%] (ISO 37; DIN 53504)	>200
Tensile strength [N/mm ²] (ISO 37; DIN 53504)	>1,1
Vapor permeability [g/(m ² *gg)] (ISO 9935:91)	33
Operating temperatures [°C]	-40 ÷ 100
Application temperatures [°C]	+5 ÷ +40
Yield per coat (thickness: 0.5-1mm) [kg/m ²]	1 ÷ 1.5

APPLICATION

Apply on clean and degreased surfaces, even if wet, with a brush, roller or spatula. During outdoor application it is not necessary to protect from rain. In case of multiple coats (optimal are 2 crossed 3 mm layers) wait at least 4 hours. Complete drying in 24 hours at approximately 20°C. To repair breaks or cracks larger than 2 mm, use a synthetic fabric alternating product/fabric/product: in this case a second layer of 2.5 kg/m² is necessary for complete coverage of the fabric.

CLEANING OF EQUIPMENT AND PERSONAL PROTECTIVE MEASURES

Be careful when handling and using the product, use disposable protective gloves if necessary. Clean the equipment with alcohol. In case of contact with skin, simply wash with soap and water.

PACKAGING

Can 1 kg	6 pieces per box
Can 7 kg	1 piece per box

STORAGE AND SHELF LIFE

The product can be stored for 12 months in the original packaging. Storage temperature between 5°C and 30°C in a cool, dry place. Keep away from sources of humidity, heat sources and direct contact with the sun's rays.

GENERAL INFORMATION

The information contained in this data sheet represents the best of our knowledge. However, this document cannot be regarded as a guarantee that the product will be used and applied in accordance with the instructions provided. Successful application is beyond our control and depends on many factors. We accept no responsibility for the misuse of the product, the recommendations in this document should be considered general guidelines. If any doubts remain, please carry out preliminary tests. NPT Srl, reserves the right to modify and update the data sheet without prior notice. Customers are kindly requested to check that they have the latest version.

ALWAYS CONSULT THE SAFETY DATA SHEET BEFORE USING THE PRODUCT