



Dehumidification systems, water repellent treatments, thermal and acoustic insulation, waterproofing



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

SANSYL MONO INIEZIONE

ONE COMPONENT SOLVENT BASED SILANE FOR CHEMICAL BARRIERS AGAINST RISING DAMPNESS

**CE approved – Certificate n. 1305 - CPD - 0810
EN 1504-2 prospect ZA.1a**

Description Silane based monomers in de-aromatized solvents.

Fields of use For the installation of a chemical barrier against capillary rising humidity.

Method of use *Preparation of the surface of the wall:*

The substrates need to be clean and sound, without any dirt, grease, old coatings or previous treatments, or any other substance which can jeopardise good adhesion.

Drill first the injection holes according following indications:

- Drill the holes about 15 cm above ground-level.
- The drill holes, of diameter 12 mm, shall be lined horizontally when the substrate is made out of bricks. When the substrate is composed out of stones, or other materials joined with absorbing mortars, it is best to prepare 2 horizontal lines of drill-holes.
- The distance between the holes shall be 10 to 15 cm depending on the absorption of the wall.

The depth shall be about 75 - 85 % of the total wall thickness. The remaining 15 - 25 % shall be filled with active liquid by diffusion.

Application procedure The application by injection can be done using suitable injection pump with variable pressure between 2 and 5 bars in function of the absorption of the wall. The injection takes about 10/15 minutes average, and can be considered as completed when the product wets the surface of the wall.

- Remarks**
- Do not apply at temperatures below + 5°C or above + 40°C.
 - Read carefully the safety indications on the label, and, eventually, consult the relevant product datasheet.

Packaging Pails of 20 kg
Drums of 165 Kg.

Storage 12 months in the original, closed packaging, and kept in a dry and protected environment between + 5°C and + 35°C.

Emission date : 01/2006
Revision date: 12/2011

Nr rev: 3

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Technical characteristics (typical values)

- High wetting properties
- Easy to apply
- Specific weight UNI EN 2811-1 ~ 0,78 Kg/l
- Reduction in water vapour permeability < 5 %
- Frost resistance treated brick ≥ 20 cycles
- Flash point 32 ± 5 °C

APPLICATIVE CHARACTERISTICS	TEST METHOD	UNIT OF MEASUREMENT	TYPICAL VALUES	LIMIT VALUES according to EN 1504-2
Drying process	EN 13579	%	> 35 (class 1)	class 1 > 30% class 2 > 10%
Penetration depth	EN 1504-2 (pr. 3, n° 19)	mm	4,5 (class 1)	class 1 < 10 class 2 > 10
Water absorption and alkali resistance	EN 13580	%	AR < 5 AR _{alk} < 9,5	AR < 7,5 AR _{alk} < 10

Safety indications Read carefully the safety indications on the packaging, or consult the relevant Material Safety Datasheet of this product

The above information is based on our best experiences and lab results and on results of the application of the product in various fields. Tecnochem Italiana is not responsible for negative performances due to not proper use of the product or for defects due to elements not connected with the quality of the product included wrong storage. Technical characteristic in this technical data sheet are up-to-dated periodically. Revision date of this technical data sheet is indicated below. Changes of this data sheet can be found in our web-site www.tecnochem.it where you can find the same technical data sheet updated in real time.

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