



Products,
technologies
and services
for monumental
restoration

From Project to Jobsite



Certified Quality System since **FEBRUARY 1993**

TECNOSOLID 82

CONSOLIDATING AND WATERPROOFING TREATMENT FOR FACADES IN CONCRETE, RENDERS, MASONRY AND STONEMWORK.

Description TECNOSOLID 82 is a solution of methacrylic polymers in organic solvents. The diverse formulations (see further under FORMULATIONS) are prepared depending on the nature of the material that needs treatment to guarantee optimal performance even when the porosity of the support is low.

- Characteristics**
- For the consolidation of material in general, more specific materials made of stones or clay bricks.
 - Transparent film-formation of the polymer does not give any discoloration (on poor substrates sufficient impregnations have to be done to become a homogenous finishing of the surface; superficial gloss can be eliminated with SOLVENTE for TECNOSOLID 82).
 - UV and sun-resistant.
 - Extreme durable and resistant towards wind driven rain, alcohol, acids, alkaline solutions.
 - Reversibility of application, which is essential for application in historical, artistic buildings or in case of maintenance.

Material treated with TECNOSOLID 82 will have better physical-mechanical properties and durability together with optimal water vapour permeability values.

Use As consolidating and waterproofing treatment of facades made out of concrete, renders, masonry or stonework in general. Specific recommended for stones and brickwork with monumental and artistic values.

Method of use **Preparation of the surface**

The substrates must be cleaned from all dirt, algae, moulds and free from substances which can affect adhesion (like oil, greases, waxes, etc..). In case of presence of efflorescence salts we advice to consult our Technical Assistance Office. We recommend making a preventive test to verify the support and aesthetical result. Apply always on dry support (max humidity 5 %).

Method of application

TECNOSOLID 82 can easily be applied by spraying or roller. Apply always 'wet to wet' till sufficient level of penetration is obtained. In normal climatic conditions the drying time will be about 2 hours. Clean the tools after application with turpentine or washing solvents.

- Remark**
- Keep the product in the original packaging, stored at less than 30°C. Keep the packaging closed and avoid air-contact. In these conditions the product has a shelf life of about 12 months.
 - The product is flammable: do not smoke, avoid working next to flames or heat sources.
 - Apply only in well ventilated areas. Do not inhale the vapours and aerosols, and use proper protection mask.



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Packaging Pails of 5 lt and 25 lt.

**Technical Data
(typical values)**

- | | |
|-------------------|--|
| • Aspect | Slightly opaque colourless liquid |
| • Smell | of hydrocarbons |
| • Specific weight | 0,93 kg./lt. |
| • Flash point | 35 °C |
| • Viscosity | 5-10 mPa.s |
| • Consumption | 0,1- 1,0 l/m ² depends on the porosity of the support |

Formulations TECNOSOLID 82 is formulated depending on the nature, porosity and state of degradation of the material that needs consolidation. In the case of artistic value of these materials please consult our Technical Service for a preventive analyses and recommendation for the best formulation.

The product can also be formulated containing a siloxane resin, this having also water-repellent properties (read the Technical Data Sheet TECNOSOLID 82/WP).

CONTACT OUR TECHNICAL SERVICE DEPARTMENT FOR ADVICES ON THE FORMULATION TO BE USED FOR EACH SPECIFIC APPLICATION.

Storage 12 months in the unopened original packaging, stored in a dry and protected area, at temperatures between +5 °C and +30 °C.

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

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