



**VHDRS®**  
 Very  
 High  
 Durability  
 Repair & Prevention  
 Systems



Certified Quality System since **FEBRUARY 1993**

## *From Project to Jobsite*

# TECNOSEAL AC/1

**Description** One-component sealant based on acrylic polymers in water dispersion.

- Advantages and characteristics**
- Very good resistance against meteorological agents.
  - Permanent high adhesion, also within time.

- Use** Is advised for sealing :
- Prefabricated panels
  - Division panels in cement
  - Joints between window and wall
  - Cracks in the wall
  - Of facade masonry

In general the product is advised for sealing joints between construction elements, subjected to reduced movement.

**Method of use Application**

The sides of the joints to be sealed must be cleaned and free from dust, oil, bitumen. Clean manually or mechanically, but always remove the dust by means of compressed air. In particular on difficult substrates or weak, the application of a primer made by diluting the acrylic sealant AC1 ( 90% water, 10% AC1 acrylic sealant)

**Temperature of application :**  
 higher than + 5°C.

**Preparation of the joint:**

In the case the joints are very deep, reduce the depth with filling material like expanded polystyrene strips as backfilling.

- Packaging/ colour**
- Cartridge of 310 ml.
  - Bags of 550 ml.
  - Pails of 25 Kg.
  - White or grey

**Storage** 12 months in the original and closed packaging, in dry and protected area (20°C).

|   |  |   |
|---|--|---|
| <b>Technical characteristics (typical values)</b> | • Specific weight                                | 1,6 g/cm <sup>3</sup> (± 50)  |
|   | • Temperature of application :                   | from + 5 °C to + 50 °C  |
|   | • Skin formation :                               | 15-30 minutes at + 20 °C  |
|   | • Complete hardening :                           | from 1 to 4 weeks, depending on temperature, humidity, thickness of the joint |
|   | • Elasticity modulus at 100% of the dilatation : | 0,15 N/mm <sup>2</sup>  |
|   | • Practical elongation :                         | 10 % of the width of the joint  |
|   | • Solid content:                                 | ~ 78 %  |
| • Service temperature:                            | from - 25 °C to + 80 °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. Changes of this data sheet can be found in our web-site [www.tecnochem.it](http://www.tecnochem.it) where you can find the same technical data sheet updated in real time.

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