

Silicate Injection Grouts

WEBAC® 2061



► WEBAC® 2061 is a low viscosity silicate injection solution for stabilizing soil and masonry.

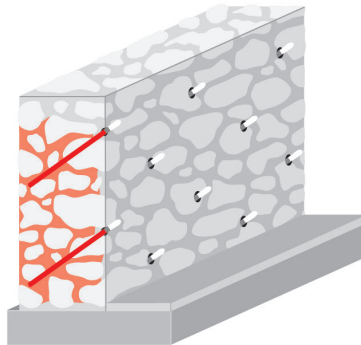
Range of application

- Filling, solidification and stabilization of non-binding to low binding types of soil
- Solidification of masonry and porous natural stone constructions

Properties

- Low viscosity
- Water resistant
- Resistant to common soil minerals

Example



Solidification of masonry

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► Technical Information

All the data indicated in this technical data sheet and any related information provided by our employees are of an advisory nature representing our current state of knowledge and in no way binding. As the exact chemical, technical and physical conditions of the actual application are beyond WEBAC's control, this information does not preclude examination of the products and/or procedures for the intended application and surface by the user. WEBAC is thus unable to guarantee results. The user is fully responsible for the observation of existing regulations and conditions when using the products. © WEBAC-Chemie GmbH. Version 03/2020/2

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Technical data	Values	
Mixing ratio	10 : 1 parts by volume	
Density, 20 °C / 68 °F (ISO 2811)	Comp. A Comp. B	≈ 1.3 g/cm ³ ≈ 1.2 g/cm ³
Pot life	20 °C / 68 °F ≈ 15 min (solidified after ≈ 25 min)	
Application temperature Building structure and material	> 10 °C / 50 °F	
Viscosity of mixture	23 °C / 73 °F ≈ 20 mPa·s	12 °C / 54 °F ≈ 35 mPa·s
Compressive cylinder strength material-sand mix, 28 d	≈ 25 N/mm ²	
Exposure scenarios according to REACH	Assessment of industry standard application	

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The specified data are values determined under laboratory conditions and are subject to a certain fluctuation. Deviations are possible in practice depending on the respective object situation.

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Preparatory work

Structural analysis before masonry injection:

- Masonry condition
- Moisture condition
- Masonry structure
- Salt contamination

Structural analysis before soil solidification:

- Foundation soil examination
- Soil survey
 - Soil condition
 - Ground water level
 - Flow behavior of the water

This provides following information:

- Practicability of injection
- Choice of drill hole packers or lances
- Positioning of drill holes

► See **WEBAC Brochure Sealing of Masonry**



Sealing of Masonry



Mixing

Application by 1C pump

- Empty component A and B at the given mixing ratio into a bucket (make sure that the containers are completely empty) and mix homogenously
- Transfer the mixed material to the hopper and stir briefly
- In case of separation, stir briefly again



Application instruction

- The mixture must be used completely within the pot life
- Make sure the filter in the hopper is clean
- Only use pure WEBAC material without any residues of cleaning agents or other impurity



Application

Masonry solidification

- The injection pressure depends on the nature and condition of the building structure
- Inject the material from bottom to top, beginning at the lower grid level
- Continue the injection until resin leaks out from the masonry and/or from the adjacent packers or a saturation of the masonry is visible

Soil solidification

- The material is applied by injection with a 1C pump via drill holes/lances



Final work and cleaning

- Once the material has cured remove the packers
- Clean and close the drill holes with suitable non-shrinking mortar
- Cured material must be removed meachnically
- Rinse injection pump with water or **WEBAC® Cleaner A**
- For detailed information refer to the operating manual of the injection pump used

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Product data							
Application	<ul style="list-style-type: none"> Injection by 1C pump 						
Packing	<table border="1"> <thead> <tr> <th>Comp. A</th> <th>Comp. B</th> </tr> </thead> <tbody> <tr> <td>255 kg</td> <td>22.4 kg</td> </tr> <tr> <td>25.75 kg</td> <td>2.27 kg</td> </tr> </tbody> </table>	Comp. A	Comp. B	255 kg	22.4 kg	25.75 kg	2.27 kg
Comp. A	Comp. B						
255 kg	22.4 kg						
25.75 kg	2.27 kg						
Storage	<ul style="list-style-type: none"> Between 5 °C / 41 °F and 30 °C / 86 °F Protect from moisture In original, sealed containers 						
Compatibility/Resistance	<ul style="list-style-type: none"> Resistant to common chemical loads in building structures 						

Occupational safety

The safety regulations of the industrial trade associations and the WEBAC Safety Data Sheets are to be observed at all times when working with this product. Safety data sheets according to Regulation (EC) No. 1907/2006 (REACH) must be accessible to all persons responsible for occupational safety, health protection and the handling of materials. For further information, please see the separate information sheet "Occupational Safety" in our product catalog or www.webac-grouts.com.

Waste disposal

In Germany, empty containers can be disposed of via "Interseroh Dienstleistungs GmbH" observing the respective terms and conditions. It is not possible to dispose of containers at production facilities or delivery warehouses. For more detailed information, please see the separate information sheet "Information on the disposal and return of WEBAC packaging" in our product catalog or www.webac-grouts.com and the safety data sheets.

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