Silicate Injection Grouts

WEBAC® 2100

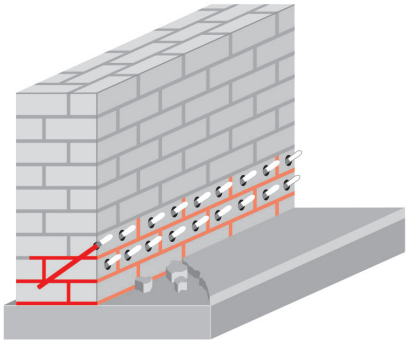
Range of application

- Post-construction damp proof course (dpc) against capillary rising moisture

Properties

- Silicate-based injection solution
- Extremely low viscosity
- Capillary constricting
- Water-repellent

Example



Damp proof course (dpc) in masonry

WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

www.webac.de

Technical Information

Silicate Injection Grouts

WEBAC® 2100

Technical data	Values
Density, 20 °C (DIN ISO 2811)	≈ 1.1 g/cm³
Application temperature Building structure and material	> 5 °C
Viscosity (DIN ISO 3219)	**23 °C** ≈ 10 mPa·s
Exposure scenarios according to REACH	Assessment of industry standard application

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.

WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

www.webac.de

Technical Information

Silicate Injection Grouts

WEBAC® 2100

Preparatory work

Structural analysis (masonry injection):

- Preparation of a building condition analysis to determine the actual condition of the structure/component
  - Masonry condition/structure
  - Moisture condition
  - Salt contamination

This results in:

- Planning of suitable remediation measures in accordance with the applicable rules and standards
- Selection of suitable material
- Selection of packers
- Arrangement of the boreholes and placement of the packers

Application instruction

- Injection by 1C pump
- Only use pure WEBAC material without any residues of cleaning agents or other impurity

Mixing

- Material is ready to use
- Stir briefly before use

Application

Damp proof course (dpc)

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

Final work and cleaning

- Once the material has cured remove the packers
- Clean the drill holes and close with suitable non-shrinking mortar
- Rinse injection pump with water
- For detailed information refer to the operating manual of the injection pump

WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

www.webac.de

Silicate Injection Grouts

WEBAC® 2100

Product data

Material consumption ≈ 1–2.5 kg/m masonry per 10 cm wall thickness, depending on the absorbency	**Wall thickness** **24 cm** **36 cm** **50 cm** **80 cm** **100 cm** **120 cm**	**Consumption** ≈ 3 – 5 kg ≈ 4 – 8 kg ≈ 7 – 12 kg ≈ 11 – 16 kg ≈ 15 – 20 kg ≈ 18 – 25 kg
Delivery form	**Unit** 215 kg 10.5 kg	
Storage	• Between 5 °C and 30 °C • Protected from moisture • In original, sealed containers	
Resistance	• 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.com.

Waste disposal

In Germany, empty containers can be disposed of via “Interzero Circular Solutions Germany 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 “Disposal Notes” in our product catalog or www.webac.com and the safety data sheets.

WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

www.webac.de