


|   |   |  |
|---|---|--|
| <br><a href="http://www.igochem.com">www.igochem.com</a> | <h2>TECHNICAL INFORMATION</h2> <p>Updated on 09.01.2023</p>                                 | <p>IGOSA Sp. z o. o.<br/> NIP 6482806063,<br/> KRS 0000924493,<br/> ul. Bronisława<br/> Hagera 41<br/> 41-800 Zabrze<br/> <a href="mailto:biuro@igosa.eu">biuro@igosa.eu</a><br/> <a href="http://www.igosa.eu">www.igosa.eu</a></p> |
|   | <h3>STRONG SANDSIL</h3> <h4>Surface reinforcement and sealing of geological formations</h4> |  |

### APPLICATION.

- injection or surface reinforcement and sealing of geological formations of various types lithological and facies formations such as sandstones, sandy shales, alluvial deposits and other geological deposits with varying degrees of looseness and porosity
- strengthening and sealing dusty heaps and roads with unpaved, sandy surfaces
- strengthening, sealing and erosion protection of embankments, slopes, dunes and other such structures hydrotechnical facilities and structures, including soils in contact with layers aquifers, which are a source of drinking water
- sealing and bonding of rock mass in underground workings of mining plants extracting all types of minerals with a degree of "a", "b" and "c" methane explosion hazard, and especially backfill sand lying in the ceiling or floor of the mined seam layer.

### FEATURES.

It is a silicate binder consisting of two components. After mixing them, the proper material is obtained, which binds loose soil grains with polycrystalline silica, in a manner analogous to the formation of natural sandstone. The compressive strength of the substrate bonded in this way ranges from 3 to 6 MPa. The durability and chemical resistance of the bonded substrate - unlimited.

### HOW TO USE

After mixing the ingredients, spray the surface; injection methods using specialized equipment.

### TECHNICAL DATA.

|  |   |
|--|---|
| <b>Storage:</b>                                  | <b>in the manufacturer's packaging, dry indoors for 24 months</b>                             |
| <b>Volume ratio of components:</b>               | <b>1:1.</b>   |
| <b>Recommended temperature during injection:</b> | <b>+5 ÷ 250C.</b>   |
| <b>Setting time:</b>                             | <b>60 ÷ 90 min.</b>   |
| <b>Mechanical properties:</b>                    | <b>full compressive strength after 7 days from 3 to 6 MPa</b>                                 |
| <b>Expansion rate:</b>                           | <b>1 v/v</b>  |
| <b>Consumption:</b>                              | <b>150 dm<sup>3</sup>/m<sup>3</sup> of soil (recommended for complete soil strengthening)</b> |
| <b>Combustibility:</b>                           | <b>non-combustible material.</b>  |

### PACKAGING.

Plastic bottles and canisters with a capacity of 1 l, 5 l, 10 l, 20 l or other upon agreement with the customer.

The above information and recommendations are provided by the Manufacturer based on conducted research, tests and experience. The Manufacturer does not guarantee the achievement of an optimal final effect in the event of use not in accordance with the recommendations or storage conditions beyond the Manufacturer's control. The information contained in this document is based on currently available data characterizing the product and the Manufacturer's knowledge. It should be treated only as an aid for safe use, transport and storage of the product. This does not release the user from liability for improper use of the above information.

**STORAGE AND TRANSPORT.**

Transport and store in tightly closed manufacturer's packaging at a temperature of +5°C to +30°C, in a place not exposed to sunlight. Shelf life 24 months from the date of production.

**NOTE! Product intended for professional use. The manufacturer and distributor are not responsible for damage caused by improper use.**

The above information and recommendations are provided by the Manufacturer based on conducted research, tests and experience. The Manufacturer does not guarantee the achievement of an optimal final effect in the event of use not in accordance with the recommendations or storage conditions beyond the Manufacturer's control. The information contained in this document is based on currently available data characterizing the product and the Manufacturer's knowledge. It should be treated only as an aid for safe use, transport and storage of the product. This does not release the user from liability for improper use of the above information.