

INJEKTING K

Admixture for cement injection grouts, grouts for prestressing tendons and mixtures for grouting and repair

FIELD OF APPLICATION

It is used as an admixture for preparation of cement injection grouts intended for grouting tendons in prestressed beams, as well as for injection or grouting of cracks in concrete elements, etc.

PROPERTIES

- It enables water reduction for preparation of cement injection grouts;
- It provides high fluidity of the injection grout when the W/C ratio is low ($W/C < 0.45$);
- It reduces/compensates the shrinkage of the cement injection grout or causes slight expansion;
- It increases the strength of the hardened injection grout;
- It increases the resistance of the injection grout to ice and salts.

TECHNICAL FEATURES

PROPERTY	DECLARATED VALUES
Appearance	Grey powder
Chloride content	Does not contain
Bulk density	780-840 kg/m ³
pH value (2% water solution)	11,0-13,0

METHOD OF APPLICATION AND DOSAGE:

Recommended dosage of INJEKTING K is 4.0% of the cement mass. Preparation of the injection grout is carried out following this procedure: in the specified amount of water while continuously mixing is added the specified amount of cement, and after that INJEKTING K is added. The mixing is done mechanically, until a completely uniform mixture is obtained, but it should not last more than 5 minutes. The entire process of mixing and applying the grout should not last more than 30 minutes. Before placing the injection grout in the injector, the grout should be sieved.

Prior to every use, it is necessary to conduct some tests in order to determine the compatibility of the admixture with the type of cement used and in order to adjust the right dosage of admixture that will meet the requirements for quality of the injection grout.

CLEANING :

Tools and equipment are cleaned with water immediately after their use.

PACKAGING :

Bags: 4 kg
Bags: 15 kg

STORAGE

In the original closed packing, in dry premises at temperature between 5°C and 35°C. Shelf life: 12 months.

Health hazards: Avoid contact of the material with skin and eyes and avoid inhalation of the material. In case of contact, immediately wash with water and soap. In case of contact with the eyes, rinse immediately with clean running water and seek medical advice. Additional information is provided in the Safety Data Sheet of the product.

Fire: Injekting K is non-flammable. Additional information is provided in the Safety Data Sheet of the product.

Cleaning and disposal: Clean with water. The old and used packaging should be disposed of in accordance with local rules and regulations for that type of waste. We recommend that the method of application and the necessary quantities be adjusted to the conditions of the building, as well as mandatory use of appropriate equipment. Additional information is provided in the Safety Data Sheet of the product.