



İKSA

İNŞAAT KATKILARI SAN.ve TİC.LTD.ŞTİ.

Mebusevleri İller Sk. 23/1
Tandoğan 06580 - ANKARA
Tel : (+90 312) 212 99 90 PBX)
Fax : (+90 312) 212 99 89

IKSATOPCRETE N/R

ONE COMPONENT READY-MIXED MORTAR FOR SHOTCRETE APPLICATION

DESCRIPTION:

IKSATOPCRETE N for normal setting time
IKSATOPCRETE R for rapid setting time

IKSATOPCRETE (N: Normal setting) and IKSATOPCRETE (R: Rapid setting) are cement based one component repair mortars including proper aggregate and fine material granulometry. IKSATOPCRETE-R contains set accelerators.

APPLICATION:

- Repair of concrete structures damaged by fire and froze-thaw,
- Water resistant surface sealing applications in dams, water tanks, swimming pools, offshore structures etc.
- Concrete repairs where fast strength gain is required.
- Concrete repairs where the concrete surface is under the aggressive water attack.

ADVANTAGES:

- Water resistant concrete layer,
- High strength mortars with excellent adhesion
- High strength with IKSATOPCRETE-N
- Rapid high strength with IKSATOPCRETE-R
- Low permeability at the surface layer
- Low rebound

METHOD OF APPLICATION AND DOSAGE:

For only dry process guniting,

In order t to make high quality, long term repairs remove all deteriorated concrete, dirt, oil, grease, etc. from the surface.

Before guniting the substrate must be clean and free from loose material. Loose materials must be removed mechanically, by water jetting.

Guniting operation must be done by experienced applicators. İKSAMİX-SFR30 fiber can be added to the mixture to achieve high impact resistance. Consumption is 22-25kg/m² for 1cm layer thickness.

PHYSICAL PROPERTIES & MECHANICAL PROPERTIES:

Granulometry :0-4mm

Bulk density of powder : 1,70 kg/L

Density of fresh mortar : 2,20 kg/L

Strength :

(28 gün) Compressive Strength = 40 – 60 N/mm² Flexural Strength = 8 - 12 N/mm²

Application temperature minimum +5°C.

STORAGE AND SHELF LIFE:

6 months from date of production if stored in undamaged and unopened, original sealed bags. Should be stored in cool, dry conditions.

PACKING:

Supplied in 20kg bags or 1100 kg big bags.

SAFETY

IKSATOPCRETE N& R are nontoxic materials. No special precaution is required during handling. The regular precautions as use of gloves and goggles are required, during handling. Avoid being in touch with the product. If contacted to skin and eye, wash with plenty of water. For detailed information MSDS is available.

Regarding the design, development, production and distribution of its products, İKSA is certified and applies the quality assurance system ISO 9001. In addition, İKSA Integrated Management System involves ISO 14001 and ISO 18001 with the certificate numbers of 12 300 0334/01, 12 104 34115 TMS and 12 400 0023

TECHNICAL ASSISTANCE

Technical assistance is offered for material selection, mix design, application procedures and specifications preparations, and product testing.

The details for our products and their possible uses indicated above should be understood as advisory only, to the best of our knowledge. The details do not constitute any guarantee or legal commitment and must be verified for each individual application.