

MEZUKRET

SUPER PLASTICIZER / WATERPROOFING ADMIXTURE WITH HIGHLY POZZOLANIC MINERAL FOR READY-MIXED CONCRETE

DESCRIPTION

MEZUKRET is an advanced concrete admixture which improves the mechanical properties and durability of ready-mixed concrete and could be added to the concrete mixtures at the job site. MEZUKRET is based on a highly pozzolanic mineral material which significantly reduces water absorption and permeability of concrete, In addition increases workability.

MEZUKRET comprises the following chemicals:

1. Pozzolanic materials
2. super plasticizer
3. Waterproofing agent
4. Suitable rheology modifiers for concrete

It is an advanced-technology product. It is controlled based on:

ASTM C1202

BS EN 12390-8, BS 1881-122

ADVANTAGES

- Increases workability and workability retention of concrete
- Improves pump ability of concrete and reducing depreciation of concreting equipments
- Improves rheology of concrete
- It can be used with all types of Portland cement
- Increases the compressive strength of concrete
- Considerably reduces permeability
- Inhibits chloride ion penetration and any other destructive chemicals influence
- Reducing the potential for AAR (Alkali-Aggregate Reaction)

APPLICATION

- Improving the quality of ready-mixed concrete (Foundation, Deck, Column, Shear walls, etc.)
- To make impermeable ready-mixed concrete
- Improving workability of ready-mixed concrete by increasing slump and retention
- Improving the quality of concretes that admixtures should be added at the job site

DOSAGE

The optimum dosage of MEZUKRET can be determined by trials in the site. Depending on concrete mix design (concrete type, workability, sizes and types of aggregates, cement content, ambient temperature and concreting conditions), a dosage of between 3.0 and 6.0 percent by weight of cement is recommended.

For use with other range of dosage, contact ABADGARAN Technical Services Department.

Please contact our engineering office in case of simultaneously use of more than one admixture.



DIRECTION OF USE

MEZUKRET could be added to ready-mixed concrete before placing concrete.

Note: MEZUKRET could be used for making concrete in batching plants.

TECHNICAL PROPERTIES

Physical state	Powder
Specific gravity	1.38±0.05 g/cm ³
Color	Creamy

STORAGE & SHELF LIFE

Shelf life: 1 year in the original package

Storage condition: should be protected from direct sunlight and moisture. Keep bag in the temperature range between +10°C and +30°C.

Packing: 25 kg bag

HEALTH AND SAFETY

This product does not contain any substances hazardous to human health and the environment. However, it should not be swallowed and contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water. MEZUKRET is not flammable. MSDS is available at ABADGARAN website.

TECHNICAL SERVICE

The ABADGARAN INTERNATIONAL GROUP Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

All data presented in this technical datasheet are based on our last researches in ABADGARAN CONSTRUCTION CHEMICALS laboratories and are just as a guide for choosing appropriate material. Therefore users should conduct a sufficient investigation to establish the suitability and conformity of any product for intended uses.



موسسه استاندارد و تحقیقات صنعتی ایران
تائیدیه صلاحیت آزمایشگاه همکار



مرکز ملی تائید صلاحیت ایران
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