

BETOLAX

Plasticizer for concrete and mortar (type A). The chemical composition creates great fluidity in concrete and mortars offering improved workability, especially in cases of dense concrete reinforcement.

Features - Advantages

- Significantly improves waterproofing due to reduced effective porosity
- Acts as water reducer; improves fresh concrete plasticity.
- Acts as inhibitor of capillary water absorption from concrete.
- Increases concrete density and delivers smooth surfaces on bare, pre-tensioned and other types of concrete.

Examples of applications

- Concrete waterproofing and plasticizer admixture (ASTM C-494: Type A) Used in building high-strength concrete structures, visible concrete and applications in permanent or periodical exposure to water.
- Significant waterproofing improvement due to reduced effective porosity
- Increased workability without the addition of water
- Absence of corrosive chloride substances
- High concrete compaction
- Superb finish surface
- Compatible with other Portland type cement
- Foundations
- Sewage projects
- Dams
- Tanks
- Canals
- Generally where high-quality, waterproof and workable concrete is required.

Specifications

Form: Dark brown liquid

Chemical makeup: Lignosulfonate modified polymers

Consumption: 0.2 – 0.5% by cement weight.

PH value: 9,00

Density: 1,09 to 1,13 kg/lit (at 20 °C)

Total chlorine ion content: Chlorine free

Total alkali content: ≤4.0% per weight

Instructions of use

BETOLAX is a ready to use liquid product. It is used at ready concrete mixing plants where it is mixed with mixing water or direct at the project site where it is embedded in fresh concrete upon completion of mixing the binder with the aggregates. In the latter case, keep stirring for an approximate period of 5 minutes.

Remarks

- Direct mixing BETOLAX into dry mortars or with cement is not recommended.
- BETOLAX must be added to mixing water or to fresh concrete, just before its use.
- Fully compatible with Portland type cement grades.
- In case the product freezes, it can be used after it is heated in room temperature.

Packaging

5,20 kg, Tanks, 1000 kg

Storage

Preferably in shady and roofed locations, low in moisture, for at least 18 months.

Product specifications

According to ELOT 934-2 Π.2 (Water reducer – Liquefier) and Π,9 (Sealing admixture).

Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

Other information

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Qualitätsmanagementsystem

Zertifiziert nach DIN EN ISO 9001

