ABABUILD-1100

SUPPLEMENTARY ADMIXTURE FOR CEMENT INJECTION SLURRY

ABABUILD-1100 is an admixture based on synthetic polymers for injection cement slurry. It could effectively reduce water/cement ratio as well as modifying rheology of slurry and also significantly reduce bleeding.

FIELD OF APPLICATION

- Projects with complicated formwork or with congested reinforcement.
- Slabs, foundations, columns, shear and retaining walls, deck bridges, etc.
- When lowering water/cement ratio is required
- Injection slurry

ADVANTAGES

- Significantly reduces in bleeding (especially in injection slurry)
- Reduces water-cement ratio in the range of 12 to 30%
- Increases workability and workability retention
- Improves pumpability
- It can be used with all types of Portland cement (before use with type V setting time shall be checked)
- Prevents creep and shrinkage
- Reduces permeability

SURFACE PREPARATION

The optimum dosage of ABABUILD-1100 can be determined by trials in the site. Depending on concrete mix design (sizes and types of aggregates, cement content, water/cement ratio, ambient temperature and concreting conditions), a dosage of between 0.6 and 1.2 percent by weight of cement or cementitious material is recommended.
For use with other range of dosage, contact ABADGARAN GROUP Technical Services Department.

DIRECTION OF USE

1-ABABUILD-1100 is better to be added to a part of mixing water then added to the other components.
2- ABABUILD-1100 could be added to other premixed materials.
3- Admixtures must be weighed carefully.

TECHNICAL PROPERTIES

Specific gravity	1.20 ± 0.05 g/cm^3
Physical state	Liquid
Color	Dark brown
Chloride content	Chloride-free to EN 934-1

PACKAGING

24 kg container or 1000 kg tank

STORAGE & SHELFLIFE

Shelf life: 1 year in the original package
Storage condition: Should be protected from direct sunlight and frost. Keep container in the temperature range between +10 °C and +30 °C.

HEALTH & 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. ABABUILD-1100 is not flammable. For further information refer to the material safety data sheet. MSDS is available at ABADGARAN GROUP 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.