

SBTJM®- I (A) Concrete Early Strength Agent



Brief Introduction

SBTJM®- I (A) Concrete early strength agent is comprised of early strength inorganic and organic components, and has fantastic early strength and strengthening effects. There is few influence on concrete durability, and it is widely used in steam curing and on-site concrete, such as a precast unit with early strength requirement, pre-stressed beam etc., and is also suitable for concrete at low temperature in industrial and civil construction.

产品特点 Product Features

- ➤ Excellent early strength effect: Compared with reference concrete, 3d and 7d strength can be increased by 15-30% and 8-20% respectively, thus decreasing the construction period and improving the mould recycling rate. 28d strength is not decreased and the compressive strength ratio is 100-110%.
- **Environmentally-friendly:** The chemical properties of the product are stable, and the product is non-poisonous, non-radioactive, non-irritating, non-chloride ion and non-corrosive to steel bar.
- Low alkali content
- > Strong adaptability: It is adapted to different variations of cement. It also has good compatibility with active mineral admixture, such as fly ash, slag and the like.

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使用方法及注意事项 Method of Use and Matters Needing Attention

Dosage:

The addition rate of the SBTJM®- I (A) normally ranges from 1.0-2.5% of cementitious material. The accurate addition rate is determined based on concrete raw materials and mix proportion, and trials are necessary to obtain the required performance related to optimum dosage.

包装与贮存 Packaging and Storage

- ➤ SBTJM®- I (A) includes powder and liquid. The powder produc is normally packaged 40Kg per bag and liquid is normally packaged 200L or 1000L per barrel drum. Other types of packaging are available as requested.
- > SBTJM®- I (A) shall be kept in a cool, dry climate. The maximum product life is within one year if maintained in the proper conditions.

安全事项 Security Matters

> SBTJM®- I (A) contains no hazardous substances that require labeling. However, using standard handling procedures with the product is recommended. Wear gloves and eye protection and wash the skin if contact with the product occurs with soap and water at the end of shifts or breaks.

技术与服务特色 Technology and Service Characteristics

To guarantee the desired concrete performance, we provide a technical consulting service dealing with the design of concrete mix proportion and experiments on the optimization of mix proportion. Our technical staff offers an on-site directing service for free.

NOTE: Field service, where provided, does not constitute supervisory responsibility. Suggestions made by SOBUTE whether verbal or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, but not SOBUTE, are responsible for carrying out procedures appropriate to the specific application.



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