

CRYSTAL ADMIX PLUS 15

Natural Rock Fiber Reinforced, Waterproofing, Reactive, Crystallized Concrete Admixture

Description

CRYSTAL ADMIX PLUS 15 is a 4th generation crystallize, reactive, concrete waterproofing admixture containing special concentrated polymer and natural rock fiber. It is free from concrete and sand included filler. It is designed for increasing concrete waterproofing and reducing shrinkage cracks.

Fields of Application

- Foundations, basements.
- Tunnel protection concretes and shotcrete manufacturing
- Underground shelters and warehouses
- Concrete structures exposed to chemical effects
- Swimming pools
- Pre-stretched precast structural elements
- Sewage and water treatment plants
- Built-in reservoir tanks and water tanks

Features and Benefits

- Provides permanently active waterproofing.
- Crystal structure fills the gaps in the concrete.
- Protecting and repairing the reinforced concrete structure against corrosion.
- Increase durability and adherence of concrete.
- Easy to prepare and apply.

Technical Data

Content	Mineral fillers and natural rock fiber
Color	Grey
Compressive Strength C30/37 (TS EN 12390-1-2-3)	41,1 N/mm ² (28 days)
Water Penetration Under Pressure (TS EN 12390-8)	10 mm (min)-15 mm (max) (35 days)
Application Temperature	Any conditions that concrete can be poured.
HS Code	3824.40.00.00.00

Application Procedure

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Application Method

CRYSTAL ADMIX PLUS 15 is poured directly on concrete in truck mixer as calculated consumption amount within 10 minutes. It does not react with water alone; cement must be present in the environment. Since it does not contain cement-based filling materials that will cause agglomeration, you can mix it into wet concrete or cement-aggregate mixture according to the dosage you want.

Consumption

It is recommended to use 1-2% by weight of the binder amount in concrete

Packaging

15 kg kraft pack

Shelf Life

Unlimited under proper storage conditions.

Storage

Store in dry area between +5°C and +35°C. Protect from heat, freezing and direct sunlight.

Cautions / Limitations

- There is not observed concrete hardening problem for the first 7 days and 28 days to Crystal Admix Plus 15 added concrete.
- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.

Health and Safety

Warning! Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

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Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

Limited Warranty: This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.