

TOPKRETE ADMIX

Crystalline waterproofing compound for permanently capillary-proof and watertight concrete, an additive mixed into new concrete

Description

Topkrete Admix is a crystalline waterproofing admixture in powder form added into the concrete at the time of batching. The ingredient of the product shall react with free lime and water in the concrete to form non-soluble crystal to seal the capillaries tract and hairline crack up to 0.4mm.

Benefits

- Becomes an integral part of the concrete
- Can seal hairline cracks up to 0.4mm
- Withstand high hydrostatic pressure
- Added into the concrete at time of batching
- Increases flexibility in construction scheduling
- Easy to applied
- Economical
- Concrete protection
- Allow concrete to breath
- Protects reinforcement
- Non-toxic
- Economical
- Permanent
- Forms as an integral part of concrete
- Protection of concrete against chemicals

Areas of Application

- Foundations
- Underground vaults
- Reservoirs
- Sewage and water treatment plants
- Subway and other tunnel systems
- Swimming pools
- Basement slab & wall
- Dams
- Lift Pit
- Water Tank
- R.C Flat Roof
- Ground and suspended slab

Method of Application

Mix Topkrete Admix with the water to form a very thin slurry (e.g., 18kg of powder mixed with 23 liters of water). Pour the required amount of material into the ready mixed truck. Mix for at least 5 minutes to ensure even distribution of Topkrete Admix throughout the concrete.

The quantity Topkrete Admix added amounts to 0.8%-1% by weight of cement content.

Adequate curing of the concrete is essential to protect the concrete from drying out too rapidly.

Technical Data Topkrete Admix

Type of additive	Waterproofing compound
Form	Powder
Consumption	0.8% - 1% be weight of cement content
Water Penetration (DIN 1048, Part 5)	< 20mm
Water Permeability (DIN 1048, Part 5)	< 5.0 x 10 ⁻¹³
Rapid Chloride Permeability ASTM C1202	Negligible

Packaging

18kg bags/pail

Storage

Store in a cool and dry area.

Self-Life

12 months from the date of manufacturing.

Technical Support

Topkrete offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

Health & Safety

For further information, refer to the product Material Safety Data Sheet, available upon request.

Additional Information

Topkrete manufactures and offers a wide range of complementary products which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spelled concrete are available.

Warranty

Topkrete Sdn Bhd warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to TOPKRETE SDN BHD shall be limited to replacement of the material proven to be defective, and TOPKRETE SDN BHD shall in no case be liable otherwise or for incidental or consequential damages. **TOPKRETE SDN BHD MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.** User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith.

Important note

Topkrete products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Topkrete endeavors to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

Topkrete Sdn Bhd (597943-M)

Office : 19-G, Blok A, Jalan Atmosphere 3,
Pusat Perniagaan Atmosphere,
Bandar Putra Permai,
43300 Seri Kembangan,
Selangor Darul Ehsan. Malaysia
Tel: +603- 8957 8999 Fax: +603-895 1661
Email: info@topkrete.com
www.topkrete.com

Factory : No.3, Jalan Utama 1/12,
Taman Perindustrian Puchong Utama,
47100 Puchong,
Selangor Darul Ehsan. Malaysia.
Tel : +603-8063 1883 Fax: +603-8063 1983