



CRETOPROOF CRYSTAL-P (Crystalline Admixture)

CRETOPROOF CRYSTAL-P is an integral crystalline waterproofing admix to be added to the concrete mix at the time of batching. Cretoproof Crystal-P consists of various active, proprietary chemicals. These active chemicals react with the moisture in fresh concrete and with the by-products of cement hydration to cause a catalytic reaction, which generates a non-soluble crystalline formation throughout the pores and capillary tracts of the concrete. Thus, the concrete becomes permanently sealed against the penetration of water or liquids from any direction. The concrete is also protected from deterioration due to harsh environmental conditions. Cretoproof Crystal-P has been specially formulated to meet varying project and temperature conditions.

Applications

- ❖ Reservoirs
- ❖ Secondary containment structures
- ❖ Tunnels and subway systems
- ❖ Underground vaults
- ❖ Foundations
- ❖ Parking structures
- ❖ Swimming pools
- ❖ Precast, cast-in-place and shotcrete applications

Advantages

Resists extreme hydrostatic pressure from either positive or negative surface of the concrete slab Becomes an integral part of the concrete Highly resistant to aggressive chemicals. Can seal hairline cracks up to 1/51" (0.5 mm). Allows concrete to breathe. Non-toxic less expensive than traditional methods. Permanent Added to the concrete at the time of batching and therefore not subject to climatic restraints Reduces construction scheduling time. Improves durability of concrete permeability.

Dosage

0.8% by weight of cement. Consult with Cretoproof Crystal-p Technical Department for assistance in verifying the appropriate dosage rate and for further information regarding enhanced chemical resistance and optimum concrete performance for your project. concrete performance for your project.

Mixing

Cretoproof Crystal-p must be added to the concrete at the time of batching. The sequence of procedures for addition will vary according to the type of batch plant operation and equipment. The following are some typical mixing guidelines. For

CRETESTONE PRIVATE LIMITED



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Packing

Cretoproof Crystal-P is available in 25-kg pails and 3-kg bags. For large projects, customized packaging is available.

Technical Services

For more detailed instructions, alternative application methods, or information concerning the compatibility of the Cretoproof Crystal-p treatment with other products or technologies, contact the Cretoproof Technical Department or your local Cretoproof representative.

Safe Handling Information

Cretoproof Crystal-P is alkaline. As a cementitious powder, liquid or mixture, Cretoproof Crystal-P may cause significant skin and eye irritation. Crestone also maintains comprehensive and up-to-date Safety Data Sheets on all its products. Each sheet contains health and safety information for the protection of your employees and customers.

KEEP OUT OF REACH OF CHILDREN.

Storage

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

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