

HYDROPRUF 200

Anti-Crack Integral General Waterproofing Admixture for Concrete and Plaster

Description

Hydropruf WP200 is an anti-crack integral highly concentrated powder waterproofing admixture for concrete, mortar and plaster. Hydropruf WP200 helps to repel water absorption of hardened concrete and reduce the formation of surface efflorescence. Hydropruf200 provides excellent resistance to moisture, wind and rain according to ASTM E 514

Advantages

- It protects structure against water penetration and water damage for a long time.
- Increases resistance to weathering, such as wetting and drying and freeze-thaw cycle.
- Reduced primary and secondary efflorescence on structures
- Reduces water absorption rate
- Reduce the probability of corrosion of steel reinforced concrete
- Protection against de-icing salts
- Protection against chloride ion and ASR attack

Areas of Use

- Hydropruf WP 200 is particularly suited to concrete mortar and plaster requiring waterproofing against chemical attack, weathering etc.
- Hydropruf WP 200 is suitable for all concrete work requiring protection such as foundation, precast elements, concrete for structures below ground etc.

Technical Properties

Appearance: White powdery substance

Specific Gravity: Typically, 1.05 at 20°C

Chloride Content: Nil to BS 5075

Water permeability test: 2645: 2003 Passed

Limitation

HYDROPRUF WP 200 is not a replacement for good concrete practice. Please note that no amount of waterproofing admixture can replace and make up for poor quality concrete. As a minimum requirement Costar Building Products recommends a minimum of 300 kg of cement per cubic of concrete.

Standards

HYDROPRUF WP 200 meets the water absorption requirements of the European Standard BSEN934-2.

Dosaging

The recommended dosage for Hydropruf WP200 is 0.5 kg per bag of 50kg cement. Note that optimum dosage to meet specific requirements should always be determined by trial mixes using admixture on site.

Storage

12 months when kept in a dry and closed area stacked in loads of maximum 5 bags, away from freezing temperatures.

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Health and Safety

- In case of contact with skin and eyes, wash with plenty of water.
- Protective mask should be worn during the preparation of the product.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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Call Us:
+9254348314

E-mail Us
Info@costarchem.com

Office Address:
5041 Mountaire Area, Antioch, California, USA