

HYDROPRUF WP 200

Liquid Waterproofing Admixture for Mortar And Concrete



PRODUCT DESCRIPTION

Hydropruf wp-200 is a liquid integral water repellent waterproofing admixture for concrete and mortar. It is a ready to use liquid formulated to resist water penetration, and migration in concrete masonry and other cementitious product.

This polymeric formula is added to the concrete during mixing to form a protective barrier throughout the concrete upon curing.

ADVANTAGES

- Provide long lasting protection from wind and driven rain
- Reduces the migration of salt that can cause efflorescence
- Increases impermeability of mortar
- It is chloride free
- It provides stain resistance
- It is easily dispersed

APPLICATION AREAS

- Renders, masonry mortars and screeds.
- Brick, concrete and stone substrates.
- Indoor and outdoor applications, such as Plastering and screeding facades.
- Segmental retaining wall unit.
- Stones, veneers and precast.

APPLICATION

Hydropruf wp-200 must be stirred slowly before use to ensure a homogeneous, lump free consistency. It shall be diluted in the gauging water. The dilution must be stirred slowly (to ensure a homogeneous, lump free consistency) prior addition into the mortar/concrete mixer. Hydropruf wp-200 can also be added neat to the mortar/concrete mix provided that the mixture is properly mixed to achieve a homogeneous consistency.

The standard rules of good concreting practice (concerning production, placing and curing) are to be followed. Hydropruf wp-200 may be combined with many other Costar products.

Note: Preliminary testing is required to prove the compatibility. Please contact Costar technical service for more information and advice.

TECHNICAL INFORMATION

Packaging	20L, 210L, 1000L
Appearance	Light brown
Specific gravity	1.12 g/cm ³
Shelf life	12 months from date of production if stored properly
Chloride content	Nil
Storage condition	Storage at temperatures between 5 °C and 30 °C. Protect from direct sun light, frost and contamination.
Compliance	ASTM E514-90

PRECAUTIONS/LIMITATIONS

- Be careful to avoid water contact with product during storage.
- Constantly Liaise and consult with, the Safety Data Sheet before use.

HYDROPRUF WP 200

Liquid Waterproofing Admixture for Mortar And Concrete



DOSAGE

The recommended dosage for HYDROPRUF WP200 is 1 – 2 percent of cement content. However, optimum dosage to meet specific requirements should always be determined by trials using the admixture on site.

SHELF LIFE

Protect from freezing and contamination. Shelf life in unopened, original containers is 12 months, when stored at 68°F (20°C)

HEALTH & SAFETY

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Wear suitable protective clothing, gloves and eye/face protection.
- If swallowed, seek medical advice immediately and show this container or label.
- Keep the coating materials above 10°C.
- Do not apply when surface temperature is below 10°C or over 35°C
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Once mixed, it must be used within its pot life as specified in earlier section

SPECIFICATION / COMPLIANCE

E-rated in accordance with ASTM E514-90, standard test method for water penetration and leakage through masonry with 0% dampness on interior walls

LIMITATIONS

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.

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

LEGAL NOTE

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, 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 of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.