

HYDROPRUF WP 400

Integral Waterproofing Admixture For Concrete And Mortar

Description

Hydropruf WP 400 is an integral waterproofing admixture specially designed to improve the quality of concrete and mortar by waterproofing and reducing the water demand for required workability and minimizes segregation and bleeding

Benefits

- Hydropruf WP 400 becomes an integral part of the concrete and mortar
- Improved workability
- Minimizes porosity
- Reduces the risk of segregation and bleeding drastically

Uses

- To increase the waterproofing properties of concrete and cement sand mortars for critical applications
- Suitable for waterproofing of roof slabs and screeds, basements, external plastering, bathroom floors, water tanks, sumps, drains etc.
- Hydropruf WP 400 is ideal for use with all sand/cement mortars where it is required to reduce permeability to a minimum
- Hydropruf WP 400 is recommended for all general mass concrete work where, due to harsh aggregates, difficulty of compaction or mix control, the risk of porosity and permeability must be minimized. E.g. Basements, bund walls, tanks, balcony, floor and roof slabs.

Dosage

The minimum dosage is 125ml and the maximum is 200ml per 50kgs of cement. If maximum dosage is used a minimum of 15% water should be reduced to ensure no loss in strength. However, optimum dosage to meet specific requirements should always be determined by trials using the admixture on site

Application Instruction

The required quantity of Hydropruf WP 400 is measured and stir into the first or second bucket of water. Hydropruf WP 400 water mixture shall be added to the concrete or mortar and mixed thoroughly. Mixing shall be continued and further water shall be added until the required workability is obtained.

The total amount of water added per mix in the initial batches shall be maintained for the remaining batches.

Note: Mixes using Hydropruf WP 400 will require much less water than normal mixes for the same workability. Water reduction may be as much as 15% or more. If the moisture content of the sand or aggregate changes i.e., it becomes wetter or dryer, and then the amount of water used must be reduced or increased to give the original workability.

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Packaging

Hydropruf WP 400 is supplied in 5, 20 and 200 liters.

Storage

Hydropruf WP 400 has a minimum shelf life of 12 months, if kept in a dry store in unopened containers.

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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