



ALFAPLAST WP150

Water proofing admixture for concrete and mortar

DESCRIPTION

ALFAPLAST WP150 used as an admixture, forms an internal barrier against water penetration.

ALFAPLAST WP150 also increases the plasticity of mortar, reduces water absorption and thereby guards against freeze thaw damage. It is available in powdered form without chlorides for additional densification and acceleration of the mortar or concrete.

USES

- ◆ ALFAPLAST WP150 should be used in all structural concrete that is constantly or intermittently in contact with water such as sea walls tunnels, structural and pre-cast concrete in exposed superstructures.
- ◆ ALFAPLAST WP150 is used to waterproof cement: sand renders for walls facades, floor toppings and jointing mortars.

ADVANTAGES

- ◆ Concrete containing ALFAPLAST WP150 is resistant to water penetration either under conditions of hydrostatic Pressure or capillary absorption.
- ◆ Durability is increased due to a significant Reduction in w/c ratio.
- ◆ Sulphate attack is reduced due to the Sulphate bearing ground water being resisted.
- ◆ The cohesive properties of the concrete are improved thus reducing segregation and bleeding.
- ◆ Concrete of similar workability to a control mix produced with ALFAPLAST WP150 is easier to place.
- ◆ Pump ability of concrete is greatly improved.
- ◆ The surface finish of the concrete is improved.

TECHNICAL SUPPORT

Al Falah Chemicals provides a technical advisory service for on-site assistance and advice on mix design, product selection, evaluation trials and dispensing equipment.

DOSAGE

1 kg per 50 kg bag of cement.

TECHNICAL DATA

Appearance	White Powder
Density	800 kg/m ³
Chloride content to BS5075 : 1982	Nil
Consumption with 100kg cement	2 kg
Specific gravity	N/A
Air contents	2 ±1% according to Grading of sand and Water content

PACKAGING

Supplied in	15 kg bag
Storage	Dry, Frost free, out of direct sunlight
Shelf life	12 months, when stores as above
Hazard class	No dangerous goods, observe material safety datasheet

STORAGE / SHELF LIFE

This Product must be stored where temperatures do not drop below +5°C, If product has frozen, thaw at +5°C or above and completely reconstitute using mild mechanical agitation. Do not use pressurized air for agitation. Store under cover, out of direct sunlight and protect from extremes of temperature.

Shelf life is 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage consult your local Alfalah representative.

PRECAUTIONS

Health and Safety

This product does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.

Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

For further information consult the Material Safety Data Sheet available for this product.

FIRE

This product is water based and non-flammable

STATEMENT OF RESPONSIBILITY (Disclaimer)

The technical information and application advice given in this Alfalah Chemicals publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Alfalah Chemicals either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Alfalah Chemicals, are responsible for carrying out procedures appropriate to a specific application.

HEAD OFFICE

G-1, Yousuf Chamber,
Union Comm. Area,
Shahrah-e-Faisal, Karachi,
Pakistan - 75350

Tel: +92 21 34320751 - 3

Email : info@alfalahchemicals.com
shcorp@cyber.net.pk

LAHORE OFFICE

SE-38, R-33-A,
Akbari Mandi,
Circular Road, Lahore,
Pakistan - 54030

Tel: +92 42 37379450

Email: saleslhr@alfalahchemicals.com

Certified member of:



American Concrete Institute