

ARMSTRONG CHEMICALS PVT. LTD., Bengaluru
An ISO 9001 : 2015 Certified Company



High Plasticizing Integral Liquid Waterproofing for Plastering & Concrete

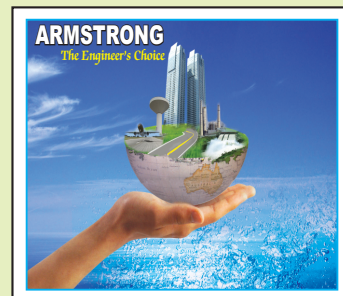
(Complies to IS 2645-2003)

DESCRIPTION OF THE PRODUCT

Rainproof LW Spl is Integral waterproofing admixture for concrete and cement mortars. It contains a blend of hydrophobic particles which acts as water repellants and proprietary chemicals which when incorporated in concrete bring about contraction of capillaries making concrete more dense and watertight. It has good plasticizing properties, makes concrete cohesive and prevents segregation.

PRIMARY USES

- Used for all types of concrete/mortars requiring water impermeability.
- Ideal for water proofing of foundations, basements, terraces, reservoirs, bathrooms, swimming pools, water tanks, etc.
- Construction exposed to aggressive weather conditions, like towers, concrete roofs, etc.
- Heavy reinforcement concrete works to protect against the corrosion.



ADVANTAGES

- Resist water penetration and capillary absorption into the concrete/mortar.
- Improves concrete cohesiveness and prevents segregation and bleeding.
- Does not change the setting time and has no corrosive effect on reinforcements.
- Reduction in water/cement ratio is possible.
- Allows normal breathing of concrete/mortar.
- Free from chlorides/ sulphates.

PROPERTIES

COMPATIBILITY : Can be used with all types of cements, including pozzolanic but not High Alumina Cement.

CORROSION RESISTANT : High performance molecule yields, high performance admixture provides corrosion resistance, meets the international standards like JIS : Z 1535 (modified).

PERMEABILITY TO WATER : Less than 15% as compared to 50% max. allowable under IS:2645 compared to control sample.

SETTING TIME : No significant effect on setting time of concrete or mortar.

COMPRESSIVE STRENGTH : Maintains compressive strength equal to control concrete or mortar and can even improve on strength property if full advantage of water reduction potential is utilized.

WORKABILITY : Improves workability at reduced water cement ratio.



DOSAGE 200 ml of Rainproof LW Spl per 50kg bag of cement .

COMPATIBILITY :

Rainproof LW Spl is a compatible with all types of Portland cement and sulphate resisting cement.

In case other admixtures are to be used they must be dispensed separately. Do not premix Rainproof LW Spl with other admixtures.

DIRECTION OF USE

Rainproof LW Spl mix into the gauging water or the wet mix.
Do not add directly to the cement.

TECHNICAL DATA

Colour	Liquid Dark Brown
Sp. Gravity/density at 25° C \pm 2° C	1.02 \pm 0.01
pH	12 to 13

PACKING Liquid : 200ml., 1 Ltr., 5 Ltr., 20 Ltr., 210 Ltrs

STORAGE Minimum shelf life of 24 months in unopened original container protected from sunlight and temperature extremes.

SAFETY PRECAUTIONS

Rainproof LW Spl liquid is a water based and non-hazardous. However, it should not be swallowed or allowed to come in contact with skin and eyes.

ARMSTRONG products are tested, approved and extensively used in the works of CPWD., State PWDs', Irrigation, Housing Boards, Thermal / Hydel Power Projects, Steel Projects, Road Projects, Water works Projects, MES, Railways & Scores of important projects Internationally.

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.



Manufacturers :

ARMSTRONG CHEMICALS PVT. LTD.

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Authorised Distributor / Stockist

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