



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



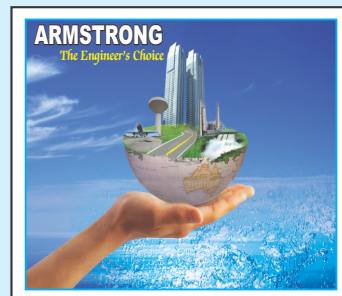
**High Plasticizing Integral Liquid
Waterproofing Compound for Plaster & Concrete**
Complies with IS : 2645-2003

DESCRIPTION OF THE PRODUCT

Conproof LW 200 is Integral waterproofing admixture for concrete and cement mortars. It contains a blend of hydrophobic particles, lignosulphonates 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

- ★ High efficiency dramatic reduction in permeability of concrete / mortar.
- ★ Resist water penetration and capillary absorption into the concrete/mortar.
- ★ Improves concrete cohesiveness and prevents segregation and bleeding.
- ★ Liquid Admixture : Instant and complete dispersion throughout the mix. Uniform waterproofing throughout concrete/mortar.
- ★ 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.
- ★ Improved concrete equality : Minimises porosity and honey combing. Produces dense homogenous concrete.

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.

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 125 ml to 200 ml of **Conproof LW 200** per 50kg bag of cement .
If maximum dosage of 200 ml is used we can reduce water upto 15%,
to ensure optimum strength. Site trials to be done to determine the optimum dosage.

COMPATIBILITY :

Conproof LW 200 is 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 **Conproof LW 200** with other admixtures.

DIRECTION OF USE

Conproof LW 200 directly 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

Chloride content less than 0.1%

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

Conproof LW 200 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.



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Authorised Distributor / Stockist

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