

MSOL AQUASHIELD

LIQUID AND POWDER INTEGRAL WATERPROOFING ADMIXTURE

MSOL AQUASHIELD is integral water proofing admixture for concrete and cement mortars. It contains a blend of 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 .

Complies with IS 2645;1975

PRIMARY USES :

- Used for all types of concrete / mortars requiring water impermeability .
- Ideal for water proofing of foundation , basements , terraces, reservoirs, bathrooms, swimming pools, water tanks, etc .
- Construction exposed to aggressive weather conditions , like towers , concrete roofs, etc.

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 .

DOSAGE:

1. Liquid - 100 ml of Aquashield per 50kg bag of cement or 0.2% by weight of cement .
2. Powder - 500 gms of Aquashield per 50 kg bag of cement or 1.0% by weight of cement .

COMPATIBILITY :

Mol Aquashield is a compatible with all types of Portland cement and sulphate resisting cement .

In case of other admixtures are to be used they must be dispensed separately .
Do not premix Aquashield with other admixture.

DIRECTION OF USES :

1. **LIQUID-** mix MPLASTAquashield directly into the gauging water or the wet mix . Do not add directly to the cement.
2. **Powder** – add MPLASTAquashield to the dry mix of cement and aggregate . Mix it thoroughly then add the required quantity of gauging water . Do not add directly to the gauging water .

TECHNICAL DATA :

	Liquid	Powder	Sp.
Colour	Light yellow	Off white	
Gravity /Density at 25°C±2°C	1.02±0.01	1.28±0.01	
pH	12 to 13	12-13	
Chloride content	Nil	Nil	
Sulphate content	0.1%	0.66%	

PACKAGING:

LIQUID-100ml,500 ml,1ltr,10 ltr, 20 ltr,50ltr,220ltr

Powder-500gms ,5kg,25kg

STORAGE:

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

SAFETY PRECAUTIONS:

***AQUASHIELD liquid is a water based non hazardous .However , it should not be swallowed or allowed to come in contact with skin and eyes .
Aquashield powder is a cementitious powder and is non hazardous .
However , it should not be swallowed or allowed to come in contact with skin and eyes .***

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