

Technical Data Sheet

Product Description:

AQUASOL -LW is specially formulated integral liquid waterproofing compound composed of surface active plasticising agents, polymers & additives. It is used as an additive for cement concrete, mortar & plasters. It makes concrete cohesive and prevents segregation.

Typical Applications -

Waterproofing of concrete and sand-cement mortars used in

- Basements,
- Roof slabs and screeds,
- Water tanks & water retaining structures,
- External plastering,
- Bathrooms and balconies,
- Sumps and drains

Product Features

- Corrosion resistant - Makes concrete more cohesive, hence protects steel better against corrosion
- Compatibility - Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
- Permeability - It reduces the permeability of water into concrete.
- Strength - The setting time and compressive strength of the concrete remains within the specification limits.
- Shrinkage - Reduces shrinkage crack development in plaster & concrete.
- Workability - Improves workability of freshly mixed cement concrete.
- Durability - Increases durability by improving waterproofing of concrete.

Application Instruction -

- Charge cement & aggregates to concrete mixer as per the mix design, mix in dry state for 1-2 minutes.
- Start addition of 75-80% mixing water & mix for 2-3 minutes.
- AQUASOL - LW is added as per the recommended dosage into the remaining mixing / gauging water, then add to concrete mixer & mix for another 2 minutes.
- Place the concrete or apply plaster, as needed.
- Cure the applied mortar or concrete as per good construction practices.

Dosage

- 200 ml per 50 kg bag of cement

Shelf Life

- Best before 2 years from the date manufacture when in sealed pack and stored under proper condition.
- Store in a cool & dry place.

Precautions & Limitations

- Do not add AQUASOL - LW directly to dry cement & aggregate mix.
- Maintain water-cement ratio as low as possible.
- Do not increase the dosage of AQUASOL - LW than the recommendation.

DISCLAIMER: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

