for Better Quality & Durability

SPWP – SUPERPLASTICISER & WATERPROOFING ADMIXTURE

CETEX SPWP – SuperPlasticiser & Water Proofing acts both as a highly efficient superplasticiser and waterproofing compound. **It complies with ASTM-C-494 Type A, IS- 9103**

MECHANISM

When Portland cement is mixed with water, the cement agglomerates stick to each other due to insufficient mutual electrostatic repulsion.
With the presence of **CETEX SPWP**, the attraction between the particles is reduced and the cement particles disperse, hence significantly improving the workability of the mix. It makes mortar/ concrete more compact.

USES

CETEX SPWP is recommended for use in mix where higher workability is desired, other parameters being constant.
It is **ideal for structural and mass concrete, particularly for water retaining structures like reservoirs, dams, sewerage works, canals, tunnels, roof slabs, mortars, wherever waterproofing is required.**

ADVANTAGES

- It improves the workability of the concrete mix significantly. In presence of the admixture, the slump value increases resulting in ease of placing the concrete mix.
- This results in denser concrete/mortar, thereby increasing the compressive strength, durability and impermeability.
- It works as an effective waterproofing compound, due to superior finish, reduced shrinkage and improved water tightness in concrete/mortar mix.

PROPERTIES

Type :	Lignosulphonate Based
Color :	Dark Brown liquid
Specific Gravity :	1.20 +/- 0.02 at 25$_{o}$C
Chloride Content :	Nil
Nitrate Content :	Nil

DOSAGE

100 – 350 ml per 50 kg of cement is recommended. Field trials should be conducted to determine the optimum dosage to achieve the required condition of the mix.

DIRECTION OF USE

The Admixture should be added to the concrete mix during the mixing cycle after addition of water.
Never add the admixture to the dry mix.

PACKING & STORAGE

CETEX SPWP is available in 40 or 250 kg pack or bulk.
Store in frost-free condition away from sunlight or extreme heat. For best result, use within one year of opening the seal.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY -The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, the results obtained may differ depending on usage or workmanship.