



ROBUSTO

TECHNICAL DATA SHEET

ROBUSTO WATERPROOF 720

PRODUCT DESCRIPTION:

ROBUSTO WATERPROOF 720 is a high quality integral waterproof liquid manufactured with special organic polymer, designed to provide excellent waterproof to concrete and mortar.

USES:

ROBUSTO WATERPROOF 720 is used as integral waterproof liquid for the fresh concrete or mortar which enhances the waterproofness of concrete and increases the durability.

General concrete works such as roof slabs, sunken slabs, balconies, water tanks, basements etc & wherever there is requirement for water proofing and high quality concrete.

DOSAGE:

ROBUSTO WATERPROOF 720 is a high quality plasticizer cum water proofing liquid. The normal recommended dosage is 100ml/50 Kg of cement, where dosage will vary in some cases from 100-125ml/50 Kg bag of cement.

ROBUSTO WATERPROOF 720 has to be added on to the fresh concrete or mortar for the best result.

ROBUSTO WATERPROOF 720 is specially designed for normal concrete / mortar up to M25 grades. For higher grades especially while making structural concrete, Precast concrete etc. proper trial should be done to fix its dosage.

TECHNICAL SUPPORT:

Robusto Chemicals provides technical advisory service for on-site assistance and guidance on mix design, optimum dosage evaluation of trials.

ADVANTAGES:

ROBUSTO WATERPROOF 720 is an improved Super plasticizer based on modified Ligno Suphonated which gives the following:

- Improves workability, cohesion of the mix even at reduced W/C Ratio.
- Improves water proofness by reduction of permeability of concrete or mortar.
- As it is in liquid form it spreads uniformly & easily mix with the concrete or mortar.
- It's compatible with all types of OPC, PPC, PSC etc.
- Chloride free does not cause corrosion.

BENEFITS:

- Makes the concrete waterproof.
- Increases the concrete durability.
- It can be used in all type of Reinforcement concrete.

STANDARDS:

ROBUSTO WATERPROOF 720 complies with IS 2645-1975.

TECHNICAL PROPERTIES @ 25°C:

Colour : Dark Brown Liquid.

pH : Minimum 8.5

Specific Gravity : 1.17 ± 0.02

Chloride Content : Nil

COMPATIBILITY:

ROBUSTO WATERPROOF 720 can be used with all types of Portland cement and other cementitious materials. **ROBUSTO WATERPROOF 720** can be used in conjunction with other admixtures or can be used only after Consulting ROBUSTO technical department.

EFFECT OF OVER DOSAGE:

Overdosing of **ROBUSTO WATERPROOF 720** will cause the following:

- May Bleed & Segregate.
- May increase in retardation, prolongs the setting time.

PACKAGING:

ROBUSTO WATERPROOF 720 is available in 20 Kg & 225 Kg drum supply.

STORAGE:

ROBUSTO WATERPROOF 720 has a shelf life of 12 months from the date of manufacturing If stored at Cool & Dry place and away from the direct sunlight.

CLEANING:

ROBUSTO WATERPROOF 720 can be washed with fresh cold water.

HEALTH & SAFETY:

ROBUSTO WATERPROOF 720 is not classified as hazardous material.

ROBUSTO WATERPROOF 720 should not come into contact with skin and eyes. In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

For further information refer to the Material Safety Data Sheet.

FIRE:

ROBUSTO WATERPROOF 720 is water based concrete admixture and non- flammable.

DISCLAIMER:

The manufacturer reserves the right to change the specifications. RCPL products are guaranteed against material manufactured and are sold subject to the company's Terms and Conditions of Sale. Whilst we endeavour to ensure that advice, specifications, recommendations, and information given is correct, we cannot have control over how our products are applied and will not accept liability, directly or indirectly, arising from application of our materials.

