

# SuperTech 333

Water reducer / Plasticizer



## DESCRIPTION

SuperTech 333, based on modified sulfonate components, superplasticizing concrete additive that reduces the amount of water, increases compressive strength and improves the workability of wet concrete.

## FIELD OF APPLICATION

- In all described concrete grades prepared in EN 206 and EN 13515.
- Concrete applications with low water / cement ratios.
- Applications for waterproof concrete.
- Smooth surface applications as in viaduct bridges.
- In the construction of all elements of the building.

## ADVANTAGES

- SuperTech 333, The super plasticizer mix ensures high workability without segregation in wet concrete.
- Enables recipes with low water / cement ratios.
- Increases the resistance of solid concrete to environmental conditions.
- Does not contain chloride. Does not cause corrosion of reinforcement.
- Provides long-term protection of wet concrete. This allows the wet concrete mix to be transported over long distances.

## USE

SuperTech 333, for wet concrete is used in liquid state. It is preferable to add to water during mixing concrete.

## USE OF WEATHER CONDITIONS

- In the summer months: SuperTech 333 S
- In the winter months: SuperTech 333 W

## STANDARDS

- SuperTech333 S: EN 934-2 Table 11.1,11.2 ASTM C 494 Tip G
- SuperTech333 W: EN 934-2 Table 11.1,11.2 ASTM C 494 Tip G

## CONSUMPTION

According to EN 206 ve EN 13515 standards, the use of 0.5% to 1.5% of the total weight in the binder (cement) recipe is recommended. This ratio can vary according to cement, aggregate, mineral composition, water components and also according to other requirements that I may have. So before determining the amount that will be used, the requirements are taken into account and after laboratory tests the amount is determined. As the amount of air entering the concrete will increase the dose of additive to be used, it is expected that the compressive strength of the concrete will decrease.

## STORAGE CONDITIONS AND PACKAGING

The product should be stored above 5 ° C. If the product is frozen, it should be mixed mechanically after thawing. Sold in quantities of 1100kg

## COMPATIBILITY

SuperTech 333 is compatible with, ExtraTech, AirTech, FreezeTech, RetarTech, ProofTech. Please contact TechnoChem technical support for compliance with other contributions. If more than one additive is to be used in the desired recipe, each additive must be added to the mixture separately. SuperTech 333, Can be used with all types of cement that comply with EN 197-1 standard. It is recommended that you contact TechnoChem's technical support unit for use on specific types of cement.

## SAFETY INFORMATION

The additive must be kept away from the skin and eyes. In case of any contact, it must be washed with water. When contacted with eyes one must immediately rinse it with water and medical support must be taken. Protective goggles / gloves / mask should be used during the usage of the admixture.

The Material Safety Data Sheet (MSDS) should be read for detailed information.

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