TECHNOPLAST WPS

TECHNICAL DATA SHEET

DESCRIPTION

Technoplast WPS is a powder base mid-range water-reducing cum water proofing concrete admixture with a powerful plasticizing effect. Also a substantial water reduction can be achieved to promote high ultimate strengths at the high dosage range

ADVANTAGES

- Long-lasting control of slump loss
- Very good for ready mix concrete plants where long haulage is there
- Improved workability without increasing water
- Reduced water without loss of workability
- Improved water tightness/water proofing
- Increased ultimate strength
- Improved surface finish
- Chloride-free
- Does not attack re-inforcement

WHERE TO USE

Technoplast WPS is particularly suitable for all those applications where waterproofing properties need to be improved. It is used to make concrete with low water absorption and to prevent the formation of surface efflorescence.

Technoplast WP is particularly recommended as a mass waterproofing product in the production of concrete structures.

USES

- Foundation concrete.
- Concrete for retaining walls.
- Concrete for structures below ground level (cellars, pits, lift shafts).
- Concrete for depuration tanks, storage tanks, channels, etc.
- Vibration-compressed concrete.
- Ready-mixed concrete.

HOW TO USE

Add Technoplast WPS in the mixing unit after all the other ingredients (water, cement and aggregates) and mix to form an even blend.

CONSUMPTION

Dosage in volume: from 0.8 to 1.4 kg per 100 kg of cement.

Different dosages from those suggested must be previously tested through concrete trials, in addition to consulting Agel Chemicals Technical service.

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PREPARATION AND APPLICATION

The material has to mix with water (%60 water with %40 powder) . The mixing has to be 15 minutes with 40-60 rpm. Technoplast WP is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. However, we recommend using protective gloves and goggles, and to take the usual precautions for handling chemical products.

TECHNICAL DATA

Density	1.60 ± 0.02 at +20°C
Classification according to	EN 934-2: water-resistant admixture, table 9
Water-soluble chloride content according to	EN 480-10 (%): < 0.1

DOSAGE

Dosage in volume: from 0.4 to 1.2 kg per 100 kg of cement. Different dosages from those suggested must be previously tested through concrete.

PACKAGING

- 30 kg pail and 1400 kg big bag

SHELF LIFE

Store 24 months from frost and exposure to direct sunlight

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