

ISOTEC 103WP[®]



Plasticizer and Waterproofing Concrete Admixture

FEATURES

ISOTEC 103WP[®] is integral waterproofing admixture based on a formulated blend of plasticisers. It is supplied as a brown liquid, which instantly disperses in water

Advantages

ISOTEC 103WP[®] is used wherever high quality concrete is demanded under difficult placing and climatic conditions.

ISOTEC 103WP[®] is suitable for use with all types of ordinary Portland cements. The product improvement in workability without increased water. Maintains workability and extends the working life of concrete in hot weather.

- Chloride free.
- Improved workability.
- Improved water tightness.
- Enhanced good flowing concrete.
- Improving durability.
- Delay setting with longer workability.

Application

ISOTEC 103WP[®] is recommended for use in structural and mass concrete, particularly water-retaining structures such as :

- Sewage works.
- Canals.
- Culvert tunnels.
- Swimming pool and concrete water tanks.

Technical Data

Nature:	Brown liquid
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Specific Gravity:	1.10 ± 0.02
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Chloride content	Nil
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pH-value	7 ± 2
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Standard specifications

Complies with ASTM C-494 Type A

Dosage

The required dosage depends on the concrete design and varies typically 0.5% of the cement weight.

ISOTEC 103WP[®] should be added with the water before mixing the concrete. Dosages outside this range as well as blending with other admixtures can be used to produce particular mix requirements. After laboratory trials to obtain desired level of performance and benefits.

Overdosing

An overdose of **ISOTEC 103WP[®]** will result in a significant increase in retardation. However provided that adequate curing is maintained, the ultimate strength of the concrete will be maintained or increased.

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Packaging

ISOTEC 103WP[®] is available in IBC and other pack size.

Shelf Life

12 months when stored below 25 °C under shade in a dry area.

HEALTH, SAFETY & ENVIROMENT

ISOTEC 103WP[®] is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.

Legal Notes

The information provided in this data sheet, are given in good faith based on our current knowledge and experience of the product when properly stored, and applied by professional applicator, and under normal conditions in accordance with the mentioned recommendations. In practice under actual site condition differences are such that no warranty can be issued nor any liability can be taken, arising out of any legal relationship whatsoever. The product must be tested onsite to check its suitability for the intended application and purpose.



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