



ROCK WP100

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📍 طريق الزقازيق الاسماعيلية الزراعى



Waterproofing Concrete Admixture

Product Description

ROCK WP100 is a waterproofing concrete admixture formulated from selected surface active agent and refined lignosulphonate.

ROCK WP100 reduces permeability of concrete by acting as a water reducing admixture allowing lower w/c ratio to be achieved

ROCK WP100 acts both as a plasticizer and a water proofing agent.

ROCK WP100 enabling the water content

of concrete to perform more effectively, and improving the consistency of the concrete.

Advantages

- Increase slump retention.
- Increase water reduction thereby increase strength.
- Minimize permeability of concrete.
- Safe for use with reinforced concrete because it is chloride free.
- Increase resistance to water penetration

Uses

Ready mixed concrete.

To provide more waterproof concrete.

To improve the water tightness of concrete.

Sewage works.

Canals.

Reservoirs and dams.

All water retaining structures.

Controlling of slump loss.

Standards

ROCK WP100 complies with ASTM C494 type A&D and BS 5075 part 1.

Dosage

The normal dosage range is 0.5% by weight of cementitious material.

Direction of uses

ROCK WP100 never added to the dry mix.

Water reduction is higher if the admixture is added to the con-crete after %75-50 of the mixing water has been added.

Properties

Specific gravity	1.10 ±0.02 at 25 °c
Chloride content	Nil
Colour	Dark brown liquid
Toxicity	Non toxic

Compatibility

ROCK WP100 is compatible with all types of Portland cements including SRC and cement replacement materials.

ROCK WP100 is compatible with all other ROCK admixtures

Packaging

ROCK WP100 is supplied in 1000 ,210 ,20

Storage and shelf life

ROCK WP100 has a shelf life of 12 months when stored in normal temperature and shaded area.

Technical support

For any technical support do not hesitate to contact us.

ROCK can Provides an assistance on mix design, admixture selection and evaluation other concrete components.

Safety precautions

ROCK WP100is not afire or health hazard. Spillages should be washed down immediately with cold water.

