

WATERPROOFING ADMIXTURE FOR CONCRETE AND MORTAR

DESCRIPTION

Conmix W1 is a permeability reducing admixture in liquid form for use in all types of mortar and concrete mixes. Conmix W1 conforms to ASTM C494-81 Type A, BS 1881 : Part 5 1970 and BS 5075 Part 1.

USES & ADVANTAGES

Conmix W1 may be used to waterproof concrete structures such as: reservoirs, tunnels, culverts, water tanks, swimming pools and other areas where waterproof concrete or mortar is required.

Advantages include:-

- Improves workability and cohesion.
- Improves strength and durability.
- Reduces shrinkage.
- Reduces permeability.
- Chloride free.
- Allows better compaction.
- No effect on drinking water in concrete tanks.

PROPERTIES

Appearance : Brown liquid

Specific gravity : 1.21 - 1.23

APPLICATION

Conmix W1 should be dispensed with the mixing water. Conmix W1 is compatible with most other admixtures, however, as Conmix W1 has a water reducing effect and limited retardation trial mixes should be undertaken before pouring concrete. Overdosing will cause some retardation of initial set the concrete should not be disturbed but left to cure properly.

In case of overdose, extended retardation or mixing with other admixtures contained in the concrete consult Cormix International Technical Department.

CURING

Concrete containing Conmix W1 still requires adequate curing use Corcure 90.

DOSAGES

0.2 - 0.5 litre per 100 kg of total cementitious material. Trial mixes are always recommended before starting work to ascertain the best dosage level.

PACKAGING

25 Litre plastic pails and 200 litre steel drums.

STORAGE & SHELF LIFE

Conmix W1 should preferably be stored protected from frost. If the product does become frozen it should be carefully mixed after thawing out.

The shelf life is a minimum of 12 months in original unopened packaging.

HEALTH & SAFETY

Conmix W1 is formulated from chemicals which present no fire or health hazards.

For further information consult Cormix International.

TECHNICAL SERVICE

The Cormix International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

QUALITY ASSURANCE

ISO 9001 : 2008 verified by TUV Nord.

CONTACT DETAILS

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