

# Cormix® W1

## WATERPROOFING ADMIXTURE FOR CONCRETE AND MORTAR

### DESCRIPTION

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

### USES & ADVANTAGES

**Cormix 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

**Cormix W1** should be dispensed with the mixing water. **Cormix W1** is compatible with most other admixtures, however, as **Cormix 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 **Cormix W1** still requires adequate curing use **Corcure 90**.

### DOSAGE

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

**Cormix 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

**Cormix 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 : 2015 verified by TUV Nord.

### CONTACT DETAILS

#### Cormix International Limited

89 Romklao Rd., Sansab, Minburi, Bangkok 10510

Tel. (66 2) 917 3955-8, 543 8890

Fax. (66 2) 917 3959, 543 8891

<http://www.cormix.com>

E-mail: [info@cormix.com](mailto:info@cormix.com)

Rev.014 Oct 2018