

# Cormix® LA1

## LIQUID ACCELERATOR FOR BACKFILL GROUT

### DESCRIPTION

**Cormix LA1** is a liquid accelerator used for cementitious grouting in tunnels driven by TBMs.

### USES & ADVANTAGES

**Cormix LA1** is suitable for use in tunnel grouting applications where an early strength is required for the backfill grout after a few hours. It is used with Tunnel Boring Machines and used for primary tail shield grouting or secondary grouting through segmental lining. The main advantages of **Cormix LA1** is that the grouts gelling time is speeded up and early strengths are achieved within 1-2 hours.

### PROPERTIES

<b>Appearance:</b>	Clear liquid
<b>Specific Gravity:</b>	Approx. 1.3-1.4 at 25°C
<b>Air Entrainment:</b>	Nil
<b>Chloride Content:</b>	Nil

#### Compatibility with Cements:

**Cormix LA1** can be used with all types of Portland Cements

#### Compatibility with Other Admixtures:

**Cormix LA1** should not be premixed with other admixtures. The performance of the material may be affected by the presence of other chemicals. **Cormix International Limited** should be consulted in such circumstances.

### MIXING

**Cormix LA1** should be introduced into the grout mix at or near the nozzle of the grout line.

### DOSAGE

The performance of **Cormix LA1** is best assessed by preliminary trials on site. The dosage can be varied to achieve the required gel time, early & final strength. The gel time is dependent upon the grout mix & dosage of **Cormix LA1**.

Note: The reaction involved is temperature dependent and will proceed more slowly in cold ambient conditions. Fresh cement reacts more quickly than old cement.

### PACKAGING

**Cormix LA1** is supplied in 200 litre drums.

### STORAGE & SHELF LIFE

**Cormix LA1** should preferably be stored inside, away from moisture contact and protected from frost. In original unopened drums shelf life is 12 months.

### HEALTH & SAFETY

**Caution: Cormix LA1** is caustic. Avoid contact with the skin, eyes and clothing. In all cases of contact, wash thoroughly with water. Immediate medical attention must be sought for all cases of ingestion or eye contact. Gloves, mask, goggles and protective clothing should be worn when handling or using **Cormix LA1**.

### 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

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