

## SIKA Accelerator



Colour	Product Code	Pack Size	Box Qty
Clear	SKACC5	5ltr	4
	SKACC25	25ltr	1

### Product Description

SIKA ACCELERATOR is a chloride free liquid admixture for set acceleration and rapid hardening of cement based mortar, concrete, screeding and render. Also provides frost protection in the wet mortar during the setting period; even in sub-zero temperatures (down to  $-8^{\circ}\text{C}$ ). May also be used neat with cement as a plugging aid. Sika Accelerator is non-corrosive to metals so may be used with brick ties. Conforms to EN934-2 Table 7.

### Benefits

- Faster finishing times even in cold weather.
- Provides frost protection down to  $-8^{\circ}\text{C}$  in wet mortar.
- Chloride free non corrosive formula.
- Optimises mould usage.

### Areas For Use

- Mortars.
- Floor screeds
- External/Internal cement based rendering
- Concrete (not structural)
- Suitable for use as an emergency repair plugging aid when mixed neat with cement.

### Limitations

- Do not overdose.
- Do not use weak mixes during cold weather.
- Do not mix with other additives in same gauging water.
- Dispose of this product and packaging correctly. Do not allow to enter watercourses.
- It is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for further advice.

### Application

Work should be carried out in accordance with the methods outlined in the Code of Practice BS5628 Part 3 for protection and use of mortars at low temperatures. All materials used must be free from ice and the temperature of the mix prior to placing must not be less than  $4^{\circ}\text{C}$ .

AS AN ACCELERATOR: Add to gauging water at an addition rate of 2.5 to 5 litres per 50kg cement depending on the degree of acceleration required. Note: remember to reduce required quantity of water accordingly.

AS A FROSTPROOFER: Add to gauging water at an addition rate of use 2.5ltrs/50kg cement for protection down to  $-4^{\circ}\text{C}$  and 5ltrs/50kg cement for protection down to  $-8^{\circ}\text{C}$ , again, reducing required quantity of water accordingly.

AS A PLUGGING AID: Mix neat with fresh cement and place immediately.

NOTE: Concrete must be covered after placing until the minimum strength is obtained or until the temperature rises above freezing. Do not use with high alumina cement. Following is an indication of setting times at  $20^{\circ}\text{C}$  (use as a guide only)

Use	Mix Design	Addition Rate / 50kg Setting Cement	Time (Approx)
Plugging Aid	Neat Fresh OPC		2-3mins
Concrete	1:2:4	2.5Ltr 5Ltr	7 Hours 2.5 Hours
Floor Screeds	1:3	2.5Ltr 5Ltr	6 Hours 2 Hours

#### Specific Data

TEST	RESULT
Appearance	Clear Liquid
Specific Gravity @ $20^{\circ}\text{C}$	Approx. 1.2
pH	9 - 11
Dosage (as frostproofers)	Ambient temperatures down to $-4^{\circ}\text{C}$ : 2.5Ltrs per 50Kg cement Ambient temperatures down to $-8^{\circ}\text{C}$ : 5Ltrs per 50Kg cement

#### Health & Safety

Consult MSDS for full list of hazards.

#### Storage

Store in original unopened containers between  $5$  and  $40^{\circ}\text{C}$ .

#### Shelf Life

24 months from date of manufacture in unopened containers.

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