

# 淄博鑫熠丰新材料有限公司

ZIBO SHINING FOISON NEW MATERIAL CO., LTD  
TEL:0086 533 5203311 FAX:0086 533 5203311

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## TECHNICAL DATA SHEET

**Product name:** Calcium Formate

**Appearance:** White powder

**CAS NO:** 544-17-2

**Molecular Formula:** C<sub>2</sub>H<sub>2</sub>CaO<sub>4</sub>

**Package:** 25kg/bag, 900-1200kg bag, or as customer require.

### Usage:

#### 1. For construction industry

Calcium formate can be used as accelerators in construction mortars for cement-based, such as dry-mix mortars, Concrete products, Self-leveling screeds, Renders, plasters, tile adhesive and so on.

It can spread up the setting time and shorten the condensation time. Especially in winter, it can obviously shorten the condensation time under lower temperature outside.

The dosage for plaster, tile adhesive and concrete: 0.5%-1.0%, max 2.5%. The dosage rate is growing follow the movement of decreasing temperature.

In summer, only 0.2%-0.5% dosage will have obvious early strength effect.

#### 2 For feed grade

Calcium formate is also one kind of the additives for feedstuff. It can increase the body weight of the mammal. It can promote the appetite of the piglets and reducing the rate of scouring. Within the ahead several weeks after the piglets are weaned, using 1.5% calcium formate to the feedstuff, it can improve the growth rate of more than 12% and improve the feed conversion rate of 4%. Adding 1.3% calcium formate to the daily ration of piglets, it can obvious improve the feed conversion rate of 7%-8%. It can lower the incidence of diarrhea in piglets by using 0.9% Calcium formate.

### Calcium formate Application:

- Building industry
- Concrete cure accelerator
- Construction material
- Dyestuffs, pigments and optical brighteners
- Manufacturing of glues and adhesives
- Feed additives

### Storage:

In a cool dry place and keep away from strong light and heat.

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## **Specifications:**

Item	Index
Calcium formate content, %	≥98
Calcium content, %	≥30
Heavy metal (lead measurement), ppm	≤20
As content, %	≤0.002
Water insolubles, %	≤0.2
Moisture, %	≤0.5
PH of 10% water solution	6.5—7.5

## **Company information:**

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