

# FUERZA FROSTEX

## ANTI-FREEZING AGENT FOR CONCRETE

**FUERZA FROSTEX** is a chloride-free, liquid accelerating admixture formulated to **reduce concrete setting time and promote rapid strength development**, enabling effective concreting under low-temperature conditions. Its non-corrosive formulation is free from chlorides and other aggressive constituents, ensuring compatibility with embedded reinforcement while maintaining the **mechanical strength and structural integrity** of the hardened concrete.

### FIELDS OF APPLICATION

- **Low-temperature concreting** where accelerated setting is required.
- **Rapid-turnaround applications**, including anchoring, concrete repairs, and other works requiring expedited setting and early strength development.

### DOSAGE

Recommended dosage: **1.0–2.0 kg per 100 kg of cement**, depending on the required setting time. Indicative performance values for **FUERZA FROSTEX** as a concrete set accelerator are based on standard reference concrete mixes.

| Percentage by cement weight | Setting time | Reduction of setting time |
|-----------------------------|--------------|---------------------------|
|                             |              |                           |
| 0                           | 480 min      | 0                         |
| 1.0%                        | 410 min      | -70 min                   |
| 1.5%                        | 390 min      | -90 min                   |
| 2.0%                        | 375 min      | -105 min                  |

### APPLICATION

Add **FUERZA FROSTEX** to the mixing water or directly to ready-mix concrete. When added to fresh concrete, mix for **4–5 minutes** to ensure uniform dispersion.

### TECHNICAL INFORMATION

**pH value:** 6.00±1.00

**Color:** Dark yellow

**Density:** 1.47-1.53 kg/liter

**Max. chloride content:** Chloride free

**Max. alkali content:** ≤ 1.0% by weight

### PACKAGING & STORAGE

**FUERZA FROSTEX** is supplied in **210 kg drums and bulk containers**. It has a **shelf life of 18 months** from the date of manufacture when stored unopened in the original packaging at **–20°C to +35°C**. If crystallization occurs at low temperatures, allow the product to return to a positive temperature and gently stir until fully homogenized before use.



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