

CRETEFIX 200

TECHNICAL DATA SHEET



Integral waterproofing compound for concrete

Description

Fixup® CRETEFIX 200 concrete admixture is used to reduce the amount of water used in concrete mixes while maintaining or improving workability. It increases the strength, permeability, adhesion and durability properties while reducing shrinkage cracking potential.

Where to Use

- Ready-mix concrete
- Precast concrete
- Shotcrete
- Self-consolidating concrete
- High-performance concrete
- Lightweight concrete

Benefits & Features

- Improves workability and flow ability of concrete without increasing water content.
- Reduces water demand and improves concrete strength and durability.
- Provides air-entraining properties, improving freeze-thaw resistance and durability of concrete.
- Reduces segregation and bleeding of fresh concrete.
- Compatible with a wide range of cement types and aggregates.
- Improves surface finish.
- Improves the sustainability of concrete by reducing cement content and carbon emissions.
- Economical and easy to use.

Technical Information

Property	Value/Range
Appearance	Free flowing liquid
Colour	Brown
pH	7.0 – 9.0
Specific Gravity @25 °C	1.0 – 1.1
Solubility	Soluble in water
Recommended Dosage	150–200 ml per 50kg cement bag
Packing	1L, 5L & 20L

How to Apply

- The recommended dosage Fixup® CRETEFIX 200 is 150–200ml per 50 kg cement bag. However, the optimal dosage may vary depending on the specific application and the desired properties of the concrete. It is recommended to conduct trials to determine the optimal dosage for each application.
- Prepare the concrete mix according to the standard procedure, but with the addition of Fixup® CRETEFIX 200. The admixture can be added directly to the mixing water or to the concrete mixer during the mixing process.
- Mix the concrete thoroughly to ensure that the admixture is evenly distributed throughout the mix. The mixing time may need to be adjusted depending on the specific application and the desired properties of the concrete.
- Test the concrete to ensure that it meets the required specifications.
- If necessary, adjust the dosage of the admixture to achieve the desired properties of the concrete.

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Precautions and limitations

- Avoid adding **Fixup® CRETEFIX 200** to dry cement and aggregate mixtures directly.
- Maintain the lowest feasible water-cement ratio.
- Do not increase the dosage of **Fixup® CRETEFIX 200** than the recommendation.

Health & Safety

- Wear appropriate personal protective equipment (PPE) such as gloves, safety glasses, and a respirator if necessary.
- Avoid contact with skin, eyes, and clothing. If contact occurs, immediately flush the affected area with water and seek medical attention if necessary.
- Keep out of reach of children. Limited to professional use only.