

# Admix CF 109

ADMIXTURES & CONCRETE  
RELATED PRODUCTS

## Superplasticizer - High - Range Water Reducer

### PRODUCT

**Admix CF 109** is a liquid admixture based on naphthalene polymer associated with chemical synthesis products.

**Admix CF 109** produces high workability concrete requiring little or no vibration during placement.

**Admix CF 109** provides up to 25% reduction in free water without loss of workability, resulting in high-quality concrete of reduced permeability and increased early strength gain.

### SCOPE OF USE

**Admix CF 109** is recommended for all cement types, in the following areas:

- Heavily reinforced concrete works
- Paving and industrial floor
- Ready-mix concrete
- Precast concrete elements
- Concrete placement at low temperatures
- All concrete requiring fluid consistency
- Concrete with low W/C

### ADVANTAGES

- As a superplasticizer for facilitating concrete placement
- As a normal water-reducing admixture to enhance mechanical properties at all ages
- Cement content optimized for desired mechanical strength
- No segregation
- High strength hardening accelerator
- Safe with prestressed concrete

### APPLICABLE STANDARD

Applicable standard: ASTM C 494 Type A, F

### INSTRUCTIONS FOR USE

**Admix CF 109** is totally miscible in water.

It can be added to the concrete just before casting.

Mix with concrete for at least 2 minutes before casting.

### CHARACTERISTICS

Appearance	Brownish liquid
Specific gravity	1.195 ± 0.01

### DOSAGE RATES

Range of dosage rates:

From 330 to 2200 ml / 100 kg of cement

The maximum efficiency of **Admix CF 109** will be determined after trial batches.

### PACKAGING

**Admix CF 109** is supplied in:

Bulk

200 and 25 lit. drums

### STORAGE

**Admix CF 109** can be stored up to 1 year from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures.

### HEALTH & SAFETY

In case of frost, the product recovers its properties after progressive thawing and homogenizing by agitation. In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention. If swallowed, do not induce vomiting and seek medical attention.

### QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality.

### DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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