

## Water reducing - Plasticizer for mortar & concrete

### PRODUCT

**Admix CP 313** is a water-reducing plasticizer. It confers higher compressive strength to concrete / mortar by reducing water demand and greater workability by dispersing cement particles.

### PROPERTIES

**Admix CP 313** with its dispersing properties, improves the workability of concrete and mortar at equal water contents.

- It increases the compactness and mechanical strength of hardened concrete.
- It allows the optimization of dosage in the mixture, to obtain a given strength.
- It facilitates the pumping of concrete.
- It reduces the cement content by 5% to 10% for the same strength.

### SCOPE OF USE

**Admix CP 313** is recommended for all cement types, in the following areas:

- General reinforced concrete
- Ready to use concrete
- Heavy prefabrication
- Prestressed concrete
- Pumped concrete

Added to mortar, **Admix CP 313** improves workability of:

- Plaster and render
- Mounting mortar (blocks, bricks...)

### CHARACTERISTICS

|                          |  |
|--------------------------|--|
| Appearance               | Liquid (Dark Brown)                          |
| Specific gravity at 25°C | 1.120 ± 0.01<br>(1.09 ± 0.02 in KSA & Syria) |

### APPLICABLE STANDARDS

Applicable standard: ASTM C 494 Type A

### INSTRUCTIONS FOR USE

**Admix CP 313** is totally miscible in water. It is incorporated with the mixing water. The quantity of water is determined as a function of the desired plasticity..

### DOSAGE RATES

0.2 to 1.5 kg / 100 kg of cement should be used.

It shows a retarding effect for dosages between 1.5 and 1.7 kg / 100 kg of cement.

The optimum dosage for a specific job should be determined by in-situ trials.

### PACKAGING

**Admix CP 313** is supplied in:

Bulk

200, 25 lit. and 4 lit. drums

### STORAGE

**Admix CP 313** 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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