

Octa Crete Sp405

HIGH RANGE WATER REDUCING SUPERPLASTICIZER

DESCRIPTION

Octa Crete SP405 is a chloride free high performance super plasticizer for concrete admixture based on selected naphthalene.

Uses:

- Promotes high early strengths by permitting substantial reduction in the water cement ratio whilst maintaining workability.
- To help maintain the workability of ready mixed concrete deliveries in hot weather.

ADVANTAGES

- High range water reducing at equal consistency.
- Permits easier construction with quicker placing and compaction.
- Major increases in strength at early ages without increased cement content.
- Significantly improve the workability of concrete without increasing water demand.
- To reduce concrete permeability and thus reduce water penetration and durability.
- Typical application include concrete roads and airport runways.

STANDARDS COMPLIANCE:

Octa Crete SP405 is produced in conformity with

- BS 5075 Part 3
- ASTM C 494 Type A, F and G

TECHNICAL DATA:

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|--------------------|------------------------------|
| • Appearance | Brown solution |
| • Specific gravity | 1.18 kg / litre at 20°C |
| • Chloride content | Nil |
| • Dispersion | Instantly disperses in water |
| • Fire hazardous | Water based-non flammable |

DOSAGE:

Dosage of Octa Crete SP405 is set to meet specific job requirements and determined by site trials. A confirm dosage under a particular situation can vary between 0.25 to 1 litre per 50 kg of cement.

TECHNICAL SUPPORT:

Contact Octa Build Construction Chemicals Technical Department for advice.

The following data may be found useful by the end user, but it is highly recommended that on site trials are conducted prior to use of the product. The correct quantity of admixture should be measured and be added to concrete with the mixing water.

Do not overdose. Overdosing may have adverse effect on the final strength of hardened concrete.

PACKING:

Octa Crete SP405 is supplied in 200 and 210 litre drums.

STORAGE:

When Octa Crete SP405 is stored under shade within an ambient temperature range of 5°C to 50°C, the minimum shelf life of the product is 12 months

HEALTH & SAFETY:

- Do not swallow Octa Crete SP405. If accidentally swallowed, do not induce vomiting and seek medical advice immediately.
- Do not allow to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn.
- Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.