

REC NEPHTHAPLAST 87

HIGH-RANGE WATER REDUCING AND RETARDING ADMIXTURE

PRODUCT

Rec Nephthaplast 87 is a superplasticizer that confers more workability to concrete with less water in the mixture, and a higher mechanical properties and durability.

PROPERTIES

Rec Nephthaplast 87 is formulated from synthesized polymer and special resins. Its dispersing action on the finer elements of concrete is particularly high.

Rec Nephthaplast 87 is recommended when using silica fume.

Significant water reductions are obtained, while concrete keeps the same workability.

SCOPE OF USE

Rec Nephthaplast 87 is used to optimize the dosage of cement and maintain workability. It is recommended for all types of cements, in the following areas:

- Ready-mixed concrete
- Pre-stressed concrete
- Paving and industrial floors
- Fluid concrete, in particular when there is a desire to maintain fluidity over time
- High-strength concrete

CHARACTERISTICS

Appearance	Dark brown liquid
Specific gravity	1.150 ± 0.02

APPLICABLE STANDARD

Applicable standard: ASTM C494 Type G.

INSTRUCTIONS FOR USE

Rec Nephthaplast 87 is totally miscible in water. It can be introduced into a mixture at the same time as the mixing water or at the end of the mixing if a fluid concrete is required. In this case, it is recommended to provide supplementary mixing for at least 2 minutes.

DOSING RATES

Trials should be conducted to determine the optimum dosage of Rec Nephthaplast 87 for a particular mixture. A dosage of 0.5% to 2.6% per 100 kg of cementitious

material is recommended. Preliminary tests should be carried out for dosages higher than 2.6%.

PACKAGING

Rec Nephthaplast 87 is supplied in:

Bulk
200 and 25 lit. drums

STORAGE

Rec Nephthaplast 87 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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