

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1007 Superplasticizers / High Range Water Reducer

Appearance	Yellow to amber liquid
Ionic character	Anionic
Charge density	High
pH	5.5 – 6.5
Antifoam	No
Storage temperature (°C)	0 - 35

Product Description

Tramfloc® 1007 is a new generation of dispersants based on the polycarboxylate polymer technology producing high slump concrete at low dosage with no strength loss.

It is used as a critical raw material for the formulation of high range water-reducing admixtures such as new generation superplasticizers.

Tramfloc® 1007 is used and recommended for precast concrete applications where low water cement ratios are required.

Characteristics/Properties

- Low dosage
- Avoids segregation
- Used for self leveling mortar/concrete
- Brings very high early and high ultimate strength concrete with minimal voids and therefore optimum density.

Application Instructions

Dosage is 0.2 – 1.0 liter per 100 kg of total cementitious material. Optimum dosage should be determined by site trials. Tramfloc® 1007 is preferably added to the initial batching water. For optimum water reduction performance, we recommend thorough mixing at a minimal wet mixing time of 60 seconds per cubic meter.

Storage and Packaging

Shelf life: 12 months under normal storage conditions (5-35°C). Available in 25 kg pails, 200 liter drums or 1000 liter IBC.

Safety

Tramfloc® 1007 requires proper handling by trained personnel. Serious damage to health can be caused through prolonged exposure by ingestion, inhalation and contact with skin. Complete and up-to-date information on the toxicology and environmental safety can be found in the Material Safety Data Sheet is supplied with the products.

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