

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1009 Superplasticizers / High Range Water Reducer

Form:	Powder
Color:	Slightly yellowish
Ionic character: Anionic	
Charge density:	High
Approx. bulk density:	0.4 – 0.5
Average Non-Volatile Solids (%):	> 90
pH:	4 – 9 @ 5 g/l
Store temperature (°C):	5 - 35
Shelf life (months)*:	24

*when stored inside a building at a stable temperature between 5° and 30°C

Product Description

Tramfloc® 1009 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® 1009 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.

Instructions

Dosage is 0.2 – 1.0 liter per 100 kg of total cementitious material. Optimum dosage should be determined by site trials. Tramfloc® 1009 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 44# bags.

Safety

Tramfloc® 1009 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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