

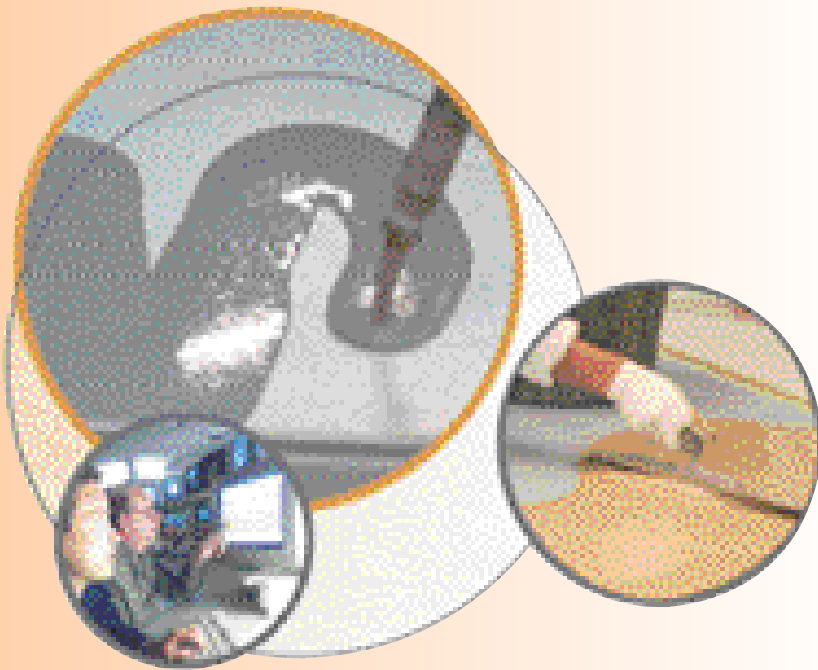
# Technical data sheet

Updated : 12/2008

## Peramin<sup>®</sup> SMF 11

### Superplasticizer

- Delivers high strength
- Delivers homogeneity
- Delivers flowability



# Peramin® SMF 11

## Superplasticizer

### Description

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**Peramin® SMF 11** is a dispersing agent.

**Peramin® SMF 11** is well adapted to conventional cement, binder based on calcium sulfate or calcium aluminates, puzzolans or other fillers.

**Peramin® SMF 11** gives an homogenous and non-segregating mortar and grout.

**Peramin® SMF 11** renders the possibility of reducing the water content thus increasing strengths.

### Compatibility

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**Peramin® SMF 11** is compatible with **Peramin® SRA** (Shrinkage Reducing Agent) as well as with most existing redispersible powder systems, accelerators and retarders.

Lab trials are advised before any industrial use.

### Application

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#### Dry-mortar industry

This product has not been designed as an admixture for concrete.

### Specifications

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Appearance:	Off-white powder
Active matter (%):	> 90
pH (5% solution):	9.0 +/- 1
Equivalent Na <sub>2</sub> O (%):	< 13
Chloride Content (%):	< 0,05
Bulk density (kg/m <sup>3</sup> ):	450 - 650
Particle size (> 200 µm):	< 3%

### Dosage

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Depending on the application, the dosage of **Peramin® SMF 11** varies from 0.2% to 2% weight/weight to binder. Generally, the product will not effect the setting. The product may cause a slight retardation at higher dosage or at low temperatures.

### Packaging and storage

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- ◆ Pallet of 30 sacks of 25 kg

### Conditions of storage

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- ◆ Shelf life : 12 months in unopened bags.
- ◆ The product may absorb moisture and should be stored in a dry area.
- ◆ Opened big-bags should be carefully resealed and used up within a relatively short period of time.

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