Technical data sheet

Updated: 11/2012

Peramin® SMF 10

Plasticizer - water reducer

- Delivers high strength
- Delivers homogeneity
- Delivers flowability
Peramin® SMF 10
Plasticizer - water reducer

Description

Peramin® SMF 10 is a dispersing agent.
Peramin® SMF 10 is well adapted to conventional cement, binder based on calcium sulfate or calcium aluminates, puzzolans or other fillers.
Peramin® SMF 10 gives an homogeneous and non-segregating mortar and grout.
Peramin® SMF 10 renders the possibility to reduce water content thus increasing strength.

Compatibility

Peramin® SMF 10 is compatible with all Peramin® range as well as with most existing redispersible powder systems, accelerators and retarders.
Lab trials are advised before any industrial use.

Application

Concrete
Dry-mortar industry

Specifications

<table>
<thead>
<tr>
<th>Data</th>
<th>Off-white Powder</th>
<th>PERPA001</th>
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</thead>
<tbody>
<tr>
<td>pH (5% solution)</td>
<td>8,5 ± 1</td>
<td>ISO976</td>
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<tr>
<td>Alkali as Na₂O eq. (% by mass)</td>
<td>&lt; 13</td>
<td>EN480-12</td>
</tr>
<tr>
<td>Dry Content (% by mass)</td>
<td>93,5 ± 1</td>
<td>EN480-8</td>
</tr>
<tr>
<td>Chloride content (% by mass)</td>
<td>&lt; 0,05</td>
<td>EN 480-10</td>
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</tbody>
</table>

The specifications of Peramin® SMF 10 conform to the requirements defined in the norm EN 934-2 : concrete admixtures - definitions, requirements, conformity, marking and labelling.

Dosage

Depending on the application, the dosage of Peramin® SMF 10 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

- Pallet of 30 sacks of 25 kg

Conditions of storage

- Shelf life : 24 months in unopened bags.
- The product may absorb moisture and should be stored in a dry area.
- Opened bags should be carefully resealed and used up within a relatively short period of time.
- When stored dry, it will retain its properties for at least 24 months.

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