

## Peramin® CONPAC 500 Superplasticizer

### 1 Description

The superplasticizer Peramin® CONPAC 500 is a powder product based on polycarboxylates.

Peramin® CONPAC 500 is well adapted to ternary or high ettringitic yield binders.

Peramin® CONPAC 500 provides an excellent flow to the fresh mortar, at low dosage.

The high water reduction obtained with Peramin® CONPAC 500 improves the mechanical properties.

Peramin® CONPAC 500 is compatible with all admixtures on the market and especially with Peramin® DEFOAM 50PE, but laboratory trials are advised before any industrial use.

Peramin® CONPAC 500 is recommended for powder formulations.

The fields of application are: dry mortar industry, but not concrete applications according to EUROCODE 2.

Typically, the dosage of Peramin® CONPAC 500 varies from 0.05 - 1.0 % by weight of binder.

Before use, it's recommended to read the safety data sheet.

### 2 Specification

Peramin® CONPAC 500 is produced and controlled within a quality management system that is certified according to ISO 9001.

The specification limits define the absolute limits of product conformity applicable for individual values.

The usual range represents typical values of production. This information is given for guidance only.

### Chemical composition

#### Other constituents, (%)

	Usual range	Specification limit
Na <sub>2</sub> O + 0.658 K <sub>2</sub> O, equivalent of alkali		< 14
Cl <sup>-</sup> as ions		< 0.1
pH in 5% solution	6 - 7	5.5 - 7.5

The chemical characteristics of Peramin® CONPAC 500 are determined according to calibrated internal methods.

#### Fineness

Residue at, %	Usual range	Specification limit
500 µm	0	≤ 0.5

Measurements made by sieving.

#### Other physical characteristics

Dry content: ≥ 95%

### 3 Additional information

This information is given for guidance only.

#### Visual aspect / Appearance

Yellowish to greyish powder

#### EN 934 requirements in concrete

Not tested

### 4 Shelf life and packaging

For optimal performance, Peramin® CONPAC 500 should be stored in its original packaging, in dry conditions at 5 - 40°C and not in direct contact with the ground. When stored in these conditions, performance is guaranteed for a minimum of 18 months.

Do not double stack, the product may cake when exposed to pressure and friction.

Peramin® CONPAC 500 is available in pallets of 25 bags of 25 kg.

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