

Peramin® CONPAC 300 Superplasticizer

1 Description

The superplasticizer Peramin® CONPAC 300 is a new generation of powder product based on polycarboxylates dedicated to flooring applications. Peramin® CONPAC 300 is well adapted to ternary and high ettringitic yield binders as well as OPC rich formulations.

Peramin® CONPAC 300 provides an excellent flow to the fresh mortar, at low dosage and improves the mechanical properties.

Peramin® CONPAC 300 is compatible with all admixtures on the market and especially with Peramin® DEFOAM 50PE, but laboratory trials are advised before any industrial use.

The fields of application are: screeds, self-levelling underlayment, all flooring compounds of the dry mortar industry, but not concrete applications according to EUROCODE 2.

Typically, the dosage of Peramin® CONPAC 300 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 300 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 ₂ O + 0.658 K ₂ O, equivalent of alkali		< 14
Cl ⁻ as ions		< 0.1
pH in 5% solution	5.3 - 7	5 - 7

The chemical characteristics of Peramin® CONPAC 300 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

White - greyish powder

EN 934 requirements in concrete

Not tested

4 Storage and shelf life

For optimal performance, Peramin® CONPAC 300 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 12 months.

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

Peramin® CONPAC 300 is available in pallets of 25 bags of 25 kg.

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