

Peramin® CONPAC 149s Superplasticizer

1 Description

The superplasticizer Peramin® CONPAC 149s is a powder product based on polycarboxylates.

Peramin® CONPAC 149s is well adapted to conventional cement, binder based on calcium sulfate or calcium aluminates, puzzolans or other fillers.

Peramin® CONPAC 149s gives an homogeneous and non-segregating mortar and grout.

Peramin® CONPAC 149s provides the possibility to reduce water content, thus increasing strengths.

Peramin® CONPAC 149s is compatible with all admixtures on the market and especially with the Peramin® range, but laboratory trials are advised before any industrial use.

Peramin® CONPAC 149s 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 149s 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 149s 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		≤ 5.0
Cl ⁻ as ions		≤ 0.1
pH in 5% solution	5.2 - 5.8	5.0 - 6.0

The chemical characteristics of Peramin® CONPAC 149s are determined according to calibrated internal methods.

Fineness

Residue at, %	Usual range	Specification limit
500 µm		≤ 0.2

Measurements made by sieving.

Other physical characteristics

Dry content: ≥ 98.0%

3 Additional information

This information is given for guidance only.

Visual aspect / Appearance

Off-white powder

EN 934 requirements in concrete

Not tested

4 Shelf life and packaging

For optimal performance, Peramin® CONPAC 149s 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.

Peramin® CONPAC 149s is available in pallets of 25 bags of 25 kg.

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