

## Product Data Sheet

PDS-Peramin® AXL 80-EN

2019-05

# Peramin® AXL 80

## Accelerator

### 1 Description

The setting and hardening accelerator Peramin® AXL 80 is a powder product based on lithium sulfate monohydrate.

Peramin® AXL 80 is compatible with the majority of admixtures used in drymix mortars, but laboratory trials are advised before any industrial use.

Peramin® AXL 80 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® AXL 80 varies from 0.05 - 0.5 % by weight of binder.

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

### 2 Specification

Peramin® AXL 80 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

##### Main constituents (%)

	Specification limit
Water	13.0 - 14.5

### Fineness

Residue at, %	Specification limit
200 µm	< 1
Cumulative passing, %	
125 µm	> 89

Measurements made by sieving.

### 3 Additional information

This information is given for guidance only.

#### Other physical characteristics

Bulk density: 600 - 650 kg/m<sup>3</sup>

Li<sub>2</sub>SO<sub>4</sub> • H<sub>2</sub>O: > 97%

#### Visual aspect / Appearance

White powder

#### EN 934 requirements in concrete

Not tested

### 4 Shelf life and packaging

For optimal performance, Peramin® AXL 80 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 16 months.

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

Peramin® AXL 80 is available in pallets of 24 bags of 25 kg.