



PENTAMIX EX 6

Shrinkage reducing agent

Technical Data Sheet December 2020

DESCRIPTION Pentamix EX 6 is a shrinkage reducing agent for cement-based products.

FEATURES Pentamix EX 6 reduces both hydraulic and plastic shrinkage, reducing the surface tension in the capillarity of the systems before the end of the setting time and during the hardening time. It does not produce expansion. The additive is composed of an admixture of multifunctional aliphatic alcohols and an anti-caking agent.
Pentamix EX 6 reduces shrinkage up to 50% after 28 days and up to 30% after 1 year, thus substantially lowering the risk of cracking.

USE Pentamix EX 6 is suggested for the preparation of premixed dry Portland cement and alumina cement-based admixtures and grouts.

	Data	Method
TECHNICAL DATA		
State:	Hygroscopic powder	Visual
Colour:	White	Visual
Bulk density:	0.450 ÷ 0.650 kg/dm ³	IST. 10.07
Active matter:	Min. 60% Anti caking max. 40%	
Granulometry:	Min. 95% < 0.180 mm.	IST. 10.09
pH^{20°C} (sol. 2%):	7.5 - 9.0	IST 10.05
Humidity:	Max. 8.0%	IST. 10.04
Content in Cl⁻:	< 0.05%	IST 10.34
Water solubility:	Partially soluble	IST. 10.21

DOSAGE The dosage of Pentamix EX 6 is normally 0.3 – 0.5%. In order to identify the most appropriate dosage, please carry indicative tests.

STORAGE AND VALIDITY If it is stored in a dry place and in its bags carefully closed, Pentamix EX 6 has a 12 months validity from the date on the delivery note. Please close the bags after each collection.

PRECAUTIONS Please consult the SDS in its entirety before using.

PACKAGING 25 kg paper bags.
500 kg big bags.