

TECHNICAL INFORMATION

Mowilith® LDM 6481

Characteristics :

- Mowilith LDM 6481 is a high solids plasticizer-free aqueous dispersion based on Styrene and acrylic acid esters.

Stabilization

- Surfactants

Recommended uses

- Flexible sealing slurries & Waterproof coatings compounds.

Specification

- These technical data are determined for each lot before its release by our quality control laboratory

Properties

SPECIFICATION	Unit	Value
Solid Content (DIN 53/ISO 1625)	%	56 +/- 1
Viscosity (ISO 2555; 25°C) Brookfield viscometer RVT; spindle no.4; 100rpm	Cps	350+/- 150
pH Value (DIN 53 785 / ISO 1148)	-	8.0 +/- 1.0

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ADDITIONAL DATA	Unit	Value
Dispersion		
Minimum film forming temperature (MFFT) (DIN 53787 / ISO 2115)	°C	Approx. 0
Particle Size	µm	0,49
Film*		
Aspect		Clear, slightly tacky
Glass transition temperature (Tg) (DIN 53 765) (DSC , Heating Rate 10K/Min)	°C	Approx. -6
<i>*Dried under standard atmospheric conditions at 23°C and 50% RH(DIN EN 23 270)</i>		

These data are used only to describe the product. They are not subject to constant monitoring or part of the specification.

Application

Mowilith LDM 6481 is suitable as binder for

- flexible mineral sealing slurries
- Improvement & modification of mortar systems.
- Formulation of Cracks-bridging and waterproofing coatings compounds

Process

Mowilith LDM 6481 is universal emulsion with excellent cement compatibility. For flexible, mineral sealing slurries Graded Quartz sand, cement & emulsion with polymer /filler ratio 0.24.

Layer thickness should be minimum 2mm. For flexible sealants 21.5% emulsion with coloured pigments, fillers are used. In addition with other additive- dispersing agent, defoamers, preservatives. For one component Water proofing coating compounds 1: 1.5 ratio with cement.

Preservation and storage

We recommend storing the material in a dry, cool and airy place, at temperatures not exceeding 25 ° C in its original container properly sealed.

Opened containers should be closed after use. In case of residual material, should be consumed as soon as possible.

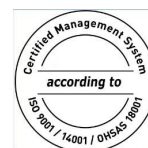
Industrial Safety and Environmental Protection

Mowilith[®] LDM 6481 is a non-toxic aqueous dispersion and there is no risk handling this product during application. Basic rules for handling chemicals should be maintain (see data sheet).

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