

Elastokol

PLASTICISING CEMENT ADHESIVE ADMIXTURE.



TECHNICAL DATA SHEET

DESCRIPTION

ELASTOKOL is a professional elastic polymer latex in aqueous dispersion. When mixed with standard cement adhesives to partially or totally replace the mixing water, it improves adhesion to substrates, deformability and waterproofing performance.

PERFORMANCE WITH NEOFIL F8

NEOFIL F8 mixed with ELASTOKOL becomes a class C2 adhesive with S2 deformability (≥ 5.0 mm).

FIELDS OF APPLICATION

Suitable for laying all types of indoor and outdoor ceramic tiles, including large formats, porcelain stoneware, Klinker, glass and ceramic mosaics, and natural stone on walls and floors. It can be used on traditional cement substrates, screeds subject to heavy traffic or humidity, deformable or thermally stressed supports, cured concrete, plaster and cold stores.

APPLICATION

ELASTOKOL is suitable for thin-bed or thick-bed installation, laying over existing tiles and installation onto heated screeds. Use approximately 7 kg of ELASTOKOL per 25 kg of powder, partially or totally replacing the normal mixing water.

ELASTOKOL improves the flexibility, bonding and water resistance of compatible cement-based tile adhesives used on demanding substrates.

PERFORMANCE BENEFITS

- Improves adhesion to cementitious substrates.
- Increases adhesive deformability and waterproofing performance.
- Suitable for indoor and outdoor tile installation.
- Suitable for large-format tiles, natural stone and porcelain stoneware.
- Supports installation over old tiles and onto heated screeds.

CONSUMPTION

Approximately 1-2 kg/m², depending on the application and adhesive system.

RECOMMENDATIONS

- Apply at temperatures from +5 °C to +35 °C.
- Mix uniformly with a compatible cement adhesive, partially or totally replacing mixing water.
- For NEOFIL F8, use approximately 7 kg of ELASTOKOL per 25 kg of powder.
- Confirm that the substrate and tile are suitable for the selected adhesive system.

PACKAGING

ELASTOKOL is supplied in 19 kg and 4 kg pails.

SPECIFICATIONS

Lay ceramic floors and walls using a standard cement adhesive mixed with ELASTOKOL type plasticising resin by Colmef Srl, partially or totally replacing the mixing water to improve adhesion, deformability and waterproofing characteristics.

TEST CONDITIONS

Tests performed at 23 °C and 50% relative humidity in the absence of air ventilation.

TECHNICAL DATA

Property	Unit	Value
Appearance	-	Fluid liquid
Colour	-	White
Apparent specific weight	g/cm ³	1.02
Solid residue	%	37
pH value	-	≥ 7
Application temperature	°C	+5 to +35
Mixing ratio	-	Approx. 7 kg ELASTOKOL / 25 kg powder
Open time according to EN 1346	minutes	≥ 15
Adjustment time	minutes	≥ 40
Trafficable after	hours	24
Grouting after	hours	24
Consumption	kg/m ²	1-2
Packaging	kg	19 / 4

FINAL PERFORMANCE

Property	Unit	Value
Initial adhesion at 28 days - EN 1348	N/mm ²	≥ 1.0
Adhesion after heat action	N/mm ²	≥ 1.0
Adhesion after immersion in water	N/mm ²	≥ 1.0
Adhesion after freeze-thaw cycles	N/mm ²	≥ 1.0
Deformability according to EN 12002	mm	≥ 5.0 - S2

DATA REPORTED FROM THE SUPPLIED ELASTOKOL TECHNICAL DATA SHEET.

The information in this bulletin is based on our best experience. We cannot be held liable for product misuse. Anyone intending to use this product should assess whether it is suitable for the intended application and perform preliminary tests. Always refer to the latest updated technical data sheet and Safety Data Sheet available from Colmef.

FOR MORE INFORMATION OR PARTICULAR USES, CONTACT THE COLMEF TECHNICAL SUPPORT DEPARTMENT.

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