ELASTONE

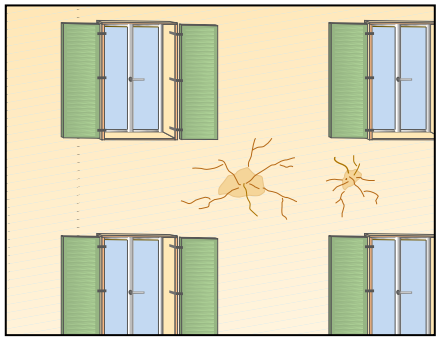
SILOXANE-BASED, ELASTIC, FIBRE-REINFORCED PRIMER

GRANTS *LEED* CREDITS

CHARACTERISTICS	ENVIRONMENTAL	METHOD OF USE				PRECAUTIONS
H_2O						
WATER BASED	ECO GREEN	MESCOLARE MECCANICAMENTE	APPLICAZIONE A PENNELLO	APPLICAZIONE A RULLO	APPLICAZIONE CON SPATOLA	STOCCAGGIO: TEME IL GELO

PROBLEM

COVERS GAPS AND CRACKS IN FACADES AND OLD EXTERNAL WALL INSULATION SYSTEMS



Concrete, brick and rendered wall surfaces and external wall insulations, if badly finished or subject to harsh conditions, can be prone to cracks of various sizes that can cause water ingress, flaking, halo effects and blackening. To remedy this problem a breathable elastomeric coating must be used that can cover the cracks and ensure that the support surface is protected from degradation.

SOLUTION

ELASTONE is a siloxane-based, elastomeric, fibre-reinforced primer with high adhesion, elasticity and breathability.

ACCORDING TO EUROPEAN NORMS EN 1504-2 CONCRETE SURFACES PROTECTION

C

PI-MC-IR PROTECTIVE COATING

APPLICATION FIELDS

ELASTONE s used to cover walls of all kinds and external wall insulation systems with cracking problems.
Its high adhesion, elasticity and breathability make it ideal as a smoothing product on old plastic coverings, or on concrete or plaster surfaces and setting coats of various kinds.
It can also be used as a filler and primer, to even out the appearance of the support surface and to achieve the so-called “plaster effect”, before painting.

ADVANTAGES

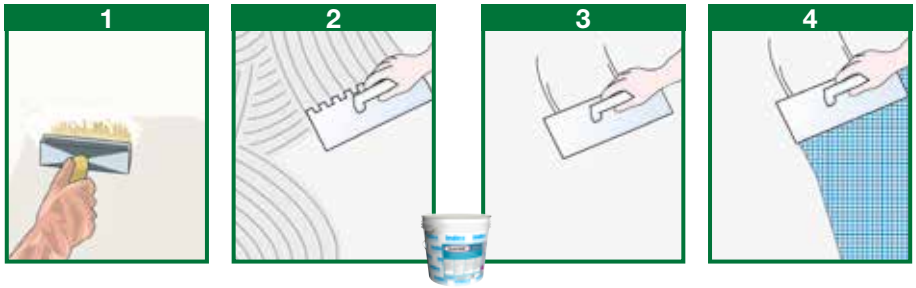
- **One-component.**
- **Ready to use.**
- **Adhesion to all types of supports.**
- **Can be covered.**
- **Elastic.**
- **Breathable.**

METHOD OF USE

• SURFACE PREPARATION
For concrete or old crumbling plaster it is always appropriate, following cleaning, to apply a coat of PRIMER FIX to fix dusty parts (**1**). Any loose parts must always be removed and repaired with suitable mortar. For external wall insulation systems made with insulating panels, always check the stability of the panels and, where necessary, stabilise them with extra fixing plugs.

• APPLICATION
ELASTONE is ready to use, therefore only needs remixing into a uniform consistency. Any remaining product can be kept for many months, according to the climatic conditions, in properly closed containers. Apply **ELASTONE** smoothing product with a double notched trowel to the final desired thickness (**2**) and then go over it again with a smooth stainless steel float (**3**). For cracks over 0.1 mm the smoothing product must be reinforced, by burying fibreglass reinforcement RETINVETRO PER RASANTI (**4**) in the first coat (the mesh must be pressed with a smooth float onto the wet coat of **ELASTONE** paste overlapping joints by at least 10 cm).
For surfaces without significant stress or with cracks of maximum 0.1 mm the product can be applied with a brush or roller in one or more coats, until a minimum thickness of 0.3 mm is obtained.

• COVERAGE
- Without reinforcement:
  application with roller or brush 700 g/m².
- With reinforcement:
  application with trowel/float 1.5 - 3 kg/m².



(See following)

TECHNICAL CHARACTERISTICS

	Standard	ELASTONE
Appearance		Paste
Colour		White
Density	EN 2811-1	1.60 ± 0.10 kg/L
Granulometria massima		0.3 mm
Storage in original packaging in a dry place, away from frost		12 months
Workability characteristics		
Minimum application thickness		0.5 mm
Maximum application thickness		3 mm
Wait time - for complete hardening (*)		minimun 24 hours
Application temperature		+5°C ÷ +35°C
Application		manual or mechanical
Performance characteristics	**Standard**	**Product performace**
Class and type	**EN 1504-2**	**C PI-MC-IR**
Permeability to acqueous vapour	**EN 1015-19**	Sd <5 m - class I
Adherence test	**EN 1542**	≥1.0 MPa
Capillary water absorption	**EN 1062-3**	w<0.1 kg/m²·h0.5
Permeability to CO_2	**EN 1062-6**	Sd >50 m
Cracking resistance	**EN 1062-7**	class A4 > 1.25 mm
Thermal resistance - Operating temperature		–40°C ÷ +90°C
Fire reaction	**EN 13501-1**	E
Hazardous substances	**EN 1504-2**	According note in ZA.1

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These data may change depending on specific site conditions: temperature, ventilation, moisture and substrate absorbency.**
(*) The times indicated will be longer or shorter as the temperature drops or rises.
Pursuant to European standard **EN 1504-9** - General principles for the use of products and systems.

(See previous)

• PRECAUTIONS

- Keep the containers sealed before use. Mix the product thoroughly before use.
- Apply at temperatures between +5°C and +35°C.
- Do not apply in very damp conditions or if there is the risk of rain while the film is still drying.
- Do not apply in extremely hot and cold conditions.
- Do not add any other materials such as resins, aggregates and additives.
- Do not apply on dirty or dusty surfaces.
- Straight after application clean the tools with water and the coated surfaces with a damp cloth.
- Not frost-proof, store at temperatures above +5 °C. The product cannot be used once it has frozen.
- Keep the packages away from sunlight and heat sources.

PACKAGING

20-kg-Pail

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