

MalecoLan Elastic

Premium quality extremely elastic Exterior Coating (Paint) Adhesive for anticrack Mats, Grids and Tapes

Field of Application

The elastic paint for exterior walls **MalecoLan Elastic** is intended to be used for the protection and repair/refurbishment of exterior walls (concrete or cement plaster). Forms part of the **Anti Humidity System for Façades**.

- ♦ Coating for fine cracks (< 0,8 mm) in the surface of the plaster or concrete or cracks that penetrate the plaster, showing the shape of the blocks, but without greater dilatation (use without mats, grids and tapes)
- ♦ Coating for major cracks or lesser dilatation (until 0,3 mm) (use with the polyester mat **Vellón K30**)
- ♦ Coating for major cracks or major dilatation in façades, cracks due to construction problems, joints between precast elements (use with the polyester grid **Malla de Poliéster 10/10**).
- ♦ Surface protection for concrete against humidity + carbonation CO₂
- ♦ Not suitable for lime plaster (except high hydraulic types) or other substrates that may require the access of CO₂ for their curing / reticulation
- ♦ Suitable for indoor applications at wet climate such as bathrooms, kitchens

Properties

Premium quality paint composed of pure acrylic resins, water-based:

- ❖ Ecological: greatly reduced emissions
- ❖ Very elastic - bridges dynamic cracks
- ❖ Bonds mats, grids and tapes for use on façades, see photo
- ❖ Water vapour permeable
- ❖ Resistant to marine salt and UV rays
- ❖ Resistant to rubbing, very well washable
- ❖ Weatherproof and resistant to driving rain according to DIN 18363
- ❖ Resistant to ageing, very long service time (up to 14 yrs in the Canaries)
- ❖ Algicide – fungicide
- ❖ Homologated paint for the surface protection of concrete against humidity + carbonation CO₂ acc. to EN 1504-2:2004 - SPP-C
- ❖ Maintains its main characteristics from – 20°C up to + 80°C



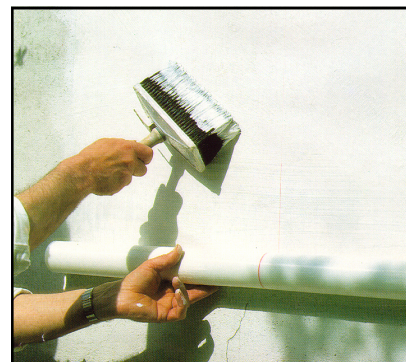
German Technology



Information according Directive
2004/42/CE (DECOPAINT)
- limitation VOC-emissions -
Cat. A/c
limit (2010): 40 g/l VOC
maximum content: 1 g/l VOC

Information according to EN 1062-1
paint for exterior masonry + concrete

gloss	G2 (mid-sheen)
dry film thickness	E3 (100...200 µm)
grain size	S1 (fine < 100 µm)
H ₂ O permeability	V2 (medium ~0,20 m)
water absorption	W3 (low 100g/m ² /h)
crack bridging	A4 (>1,25 mm grid)
CO ₂ permeability	C1 (resist. > 50 m)



example:
bonding the elastic polyester grid 10/10

Application

Apply this paint always pure, without diluting it by water; it can be applied by brush, roller or airless; min. temperature: + 5°C (paint, air and wall); it can be re-painted after 4...12 hours (application as paint) respectively 1...2 days (application as bonding for mats, grids and tapes). Check our publication **Anti-Crack Systems for Façades** for further and detailed information about the repair and treatment of all kinds of cracks in façades.

Yield as paint and for filling / bridging cracks class 1:

Yield for filling / bridging cracks class 2 (light cases with mat):

Yield as bonding agent for grids and tapes:

2 hands X 0,20 litres each per m²

3 hands X 0,23 litres each per m²

**2 hands X 0,30 litres each per m² (bond)
+ 1 hand X 0,25 litres each per m²**

Storage

24 months in a dry, clean and cool place, firmly closed.

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German SKP & SIVV

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(Paint)

CE declaration

	
YaYa Materiales, SLU Cno. de La Era, 16 ES-38750 El Paso	
16	
EN 1504-2:2004	
Surface Protection Systems for Concrete P1(PI)+P2(MC)+P8(IR) - SPP-C EN 1504-2: ZA.1.4 + ZA.1.5	
Cross-cut adhesion	≤ GT2
Permeability to CO ₂	s _D > 50 m
Permeability to water vapour	s _D < 5 m (class I)
Capillary absorption and permeability to water	w < 0,1 kg/m ² · h ^{0,5}
Adhesion after thermal compatibility (thundershower cycle)	≥ 0,8 N/mm ²
Crack bridging ability	Class B2 (-20 °C) - no cracking
Adhesion strength by pull-off	≥ 0,8 N/mm ²
Artificial weathering (radiation UV and humidity)	no blistering, flaking or cracking
Dangerous substances	according to BS-EN 1504-2, art. 5.3
Fire resistance	Euroclass E



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