



## GOLDEN LASTIC

### FLEXIBLE DECORATIVE AND PROTECTIVE ACRYL-SILOXANECOATING FOR CONCRETE AND MASONRY.

**CE** approved – Certificate n. 1305 - CPD - 0808  
EN 1504-2 type ZA.1d

#### DESCRIPTION

**GOLDEN LASTIC** is dispersion paint, based on special water based **acryl-siloxane** polymers, which cures to an extremely flexible, durable, and aesthetical coating for concrete and masonry, even in aggressive ambient environments. Guarantees durable adhesion and flexibility and optimal aesthetics. Large range of colours

#### ADVANTAGES

- Fast and simple application by roller, or by spraying.
- Is water based, and does not contain toxic ingredients. Does not smell.
- Is waterproofing, but still water vapour permeable.
- Excellent adhesion to the substrate.
- Permanent bridging of micro-cracks. Extremely good performance in elongation and recovery without cracking.
- Durable, and resistant to and protection against acid rain, frost/thaw action, UV light, with stable colours.
- It has anti-algae and anti-mould properties.

#### USE

- Protective and decorative finish for facades in concrete or masonry, even in aggressive environments, like in industrial areas, ..etc
- As protection against the penetration of carbon dioxide
- As flexible coating of micro cracks in the support.
- As flexible finishing coat over the concrete repair products out of the **GOLDEN CRETE**-line, **GOLDEN SEAL grey and white**.

#### APPLICATION

The substrate must be dry and clean, without any efflorescence, traces of oil, algae , ..or any other substance which may decrease the adhesion. Traces of algae must be cleaned first with a fungicidal wash, such as **GOLDEN DEMUF**. Eventually this treatment must be repeated a few times. Allow to dry before continuing the further applications.

In the case of micro cracks, apply **GOLDEN LASTIC** by brush over them, and allow drying (4-6 h. depending on climatic conditions).

Eventual damages, large cracks, or irregular substrates can be repaired by products of the **GOLDEN CRETE**- line.

Maximum adhesion is obtained by application of **GOLDEN PRIMER WB**. Also for porous substrates is it advisable to apply the primer first to avoid air inclusion.

In the case of porous substrates, apply first the primer **GOLDEN PRIMER WB** for the homogenisation of the substrate and reduction of the suction, to avoid entrapped air bubbles.

Before starting to apply, mix the coating properly. Do not add water!

Apply by brush, roller or by spray application, but make sure to finish always in the same direction.

**GOLDEN LASTIC** is applied in 2 layers. Wait till the first layer is completely dry before starting to apply the second layer. This can take 6 to 8 hours.

#### TECHNICAL CHARACTERISTICS (Typical data)

Solid content in weight:	~ 60%
Consumption per layer	~ 150÷250 g/m <sup>2</sup>
Dry filmthickness Lastic 250 g/m <sup>2</sup> wet	~ 85 μ
Density EN ISO 2811	~ 1,32÷1,40 kg/l
Viscosity brookfiels LV EN ISO 3219	~ 17000 mPa.s
Tack free	~ 60 minutes
Capillary waterabsorption, water permeability EN 1062-3	0,01 kg/m <sup>2</sup> /h <sup>0,5</sup>
Vapour transmission coefficient EN ISO 7783-1	V= 64,8 g/m <sup>2</sup> x d S <sub>d</sub> = 0,32m
Water vapour diffusion coefficient μ EN ISO 7783-1	~ 1000
Permeability to CO <sub>2</sub> EN 1062-6	S <sub>d</sub> = 435 m
CO <sub>2</sub> diffusion coefficient μ EN 1062-6	~ 1.300.000
Bond strength by pull off EN 1542	> 3 N/mm <sup>2</sup> (A 40%, B 60%)
Flexibility at low temperature	Up to - 35°C
Elastic elongation	150%
Elastic recovery	60%
Salt fog test	> 500 h

## REMARK

- Do not apply if the temperature is below 5°C.
- It is not advisable to start the application in very high humidity or if rain is expected.

## CONSUMPTION

GOLDEN LASTIC 300÷500 gr/m<sup>2</sup>

## PACKAGING

Pails containing 25 kg

## COLOURS

See colour cards. **The lot number indicates a production batch. Between one batch and another small colour differences can occur. It is also recommended for optimal colour, to apply the product in the same climatic conditions.**

## STORAGE

Can be kept for 1 year if stored protected from frost, and humidity. Store always above 5°C, and elevated from ground level. Do not stack more than 4 high.

## PRECAUTIONS

GOLDEN LASTIC is not dangerous, but it is advisable to wear gloves and safety glasses. Rinse eyes and clean skin with water in case of contact. Do not leave with children. Do not swallow. Consult the Material Safety Datasheet of this product for more information.

The data are based on our practical experience and laboratory test. We assume no responsibility for any negative results from improper use that are due to factors unrelated to the quality of the product.

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