

## PRODUCT DATA SHEET

### PRI COAT LASTICK



Eco-friendly, two-component, elastomeric acrylic modified, cementitious membrane for flexible waterproofing with high levels of adhesion and durability of surfaces before fixing with adhesives, ideal for use in Green Building. Low CO<sub>2</sub> emissions, can itself be recycled as an inert material at the end of its life.

PRI coat lastick creates a water-resistant layer on balconies, terraces and shower cabinets before fixing tiles, even over existing coverings, doing away with the need for costly demolition work.



### PRODUCT STRENGTHS

- High adhesion to absorbent and non-absorbent substrates
- High compatibility with cement-based adhesives
- Breathable
- High workability
- Floors and walls, for internal and external use
- Suitable for overlaying
- High Crack Bridging

### AREAS OF USE

Waterproofing of balconies, terraces, kitchens, saunas, Turkish baths, showers before coverings in ceramic, glass mosaic and stone materials are fixed.

Suitable for:

- concrete
- cement-based screeds/plaster
- old flooring that is dimensionally stable and anchored to a ceramic substrate
- natural stone

#### **Do not use**

Do not use on metal or wooden substrates, on bituminous coverings, to waterproof surfaces that are to be walked on and uncovered swimming pools, on lightened screeds.

### INSTRUCTIONS FOR USE

#### **Preparation of substrates**

- The surface must be perfectly cured and dry, solid (i.e. free of weak or easily removable parts) and free from oil, grease, paint and de-bonding agent. When working on weakened parts, when parts of the substrate are missing and also in the case of honeycombs, the substrate must be restored with suitable repair mortars. Uneven areas must be corrected with suitable smoothing and finishing products. On ceramic substrates all traces of surface treatments such as wax and oil must be removed. Before application damp absorbent surfaces without letting any stagnant water.
- For external and internal angles and for water and drainage pipeline crossings use special pre-formed pieces applied using PRI coat lastick. Waterproof the structural joints with appropriate systems and arrange for continuous waterproofing.

## Preparation

PRi coat lastick is prepared by mixing component A with component B (present ratio of 2 : 1 in the packaging). The two components should be mixed with a suitable low-rev electrical mixer for approximately 2 minutes until a mixture with a homogenous consistency is obtained. Pour the latex into a clean recipient and gradually add the powder during the mixing operation. Leave the mixture to rest for approximately 2 minutes to allow the co-polymer to become completely dispersed and mix again for approximately 20 seconds before use.

## Application

PRi coat lastick should be applied to a previously prepared surface with a synthetic brush, plain trowel or roller. When waterproofing, apply the first coat and when the product has hardened apply the second coat in a direction transversal to the previous coat creating a minimum total thickness of 1 mm. PRi coat lastick layers must be laid with great care to ensure the surface is covered with no voids. Subsequent fixing of the covering must take place at least 24 hours after application of the last waterproofing coat, in the case of low temperatures and high humidity levels the waiting time before fixing must be extended.

## Cleaning

Product residues can be removed with running water before the product has hardened.

## TECHNICAL INFORMATION:

Appearance	Part A light ready-mixed compound / Part B white latex
Pack	Part A 10 kg bag / Part B 5 kg can
Mixing ratio	Part A : Part B = 2 : 1
Shelf life	≈ 12 months in the original packaging in dry environment
Warning	Liquid: protect from frost, avoid direct exposure to sunlight and sources of heat
Pot life	≥ 1 hr
Temperature range for application	From + 5 °C to + 30 °C
Maximum thickness obtainable by coat	> 0.6 mm
Waiting time between 1st and 2nd coat	≥ 24 hrs
Waiting time before fixing	≥ 24 hrs
Interval before normal use	Minimum 7 days after last coat of waterproofing membrane
Interval before normal use	≈ 7 days / ≈ 14 days (swimming pools)
Specific weight of mixture	≈ 1.7 kg/dm <sup>3</sup> UNI 7121
Coverage	≈ 1.8 – 2 kg/m <sup>2</sup> in 2 coats

*Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbency level of the substrate and of the materials laid.*

## PERFORMANCE

### HIGH-TECH

Initial adhesion	≥ 1.5 N/mm <sup>2</sup> EN 14891–A.6.2
Adhesion after contact with water	≥ 1.2 N/mm <sup>2</sup> EN 14891–A.6.3
Adhesion after heat ageing	≥ 1.1 N/mm <sup>2</sup> EN 14891–A.6.5
Adhesion after freeze-thaw cycles	≥ 0.8 N/mm <sup>2</sup> EN 14891–A.6.6
Adhesion on contact with lime water	≥ 0.6 N/mm <sup>2</sup> EN 14891–A.6.9
Adhesion on contact with chlorinated water	≥ 0.8 N/mm <sup>2</sup> EN 14891–A.6.7
Water-resistance	no penetration EN 14891–A.7
Crack Bridging in standard conditions	> 1 mm EN 14891–A.8.2
Crack Bridging at low temperatures (-5 °C)	> 1 mm EN 14891–A.8.3

*Values taken at +23 °C, 50% R.H. and no ventilation.*

**WARNING:**

- Product for professional use
- abide by any standards and national regulations.
- protect surfaces from sunshine, wind, rain, frost and foot traffic
- if necessary, ask for the safety data sheet