

# Litoelastic EVO

Made In Italy



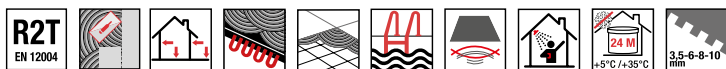
## ➤ Universal adhesive

To bond most surfacing materials onto most substrates. High-performance reactive adhesive, two-part epoxy-polyurethane for the adhesion of ceramic tiles, mosaics, natural and reconstituted stone, glass tile and others.



- Reactive adhesive formulated with **special raw materials** that give the product exceptional **ease of application**, which is unique in its kind.
- Suitable for **indoor and outdoor floor or wall** applications, even in harsh conditions.
- Suitable for laying and simultaneous **waterproofing** of ceramic tiles or mosaics in showers or damp interior environments.

- Product with ultra-low emission of volatile organic compounds. Conforms to **EC1 PLUS** classes according to the EMICODE and A+ "Émissions dans l'air intérieur" protocols according to French regulations.
- **Free from restrictions on road** (ADR), air or rail transportation and does not require IMO containers for maritime transportation.



# LITOKOL®

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## Substrates and field of application

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Wood kitchen tops and back splash  
Metallic surfaces for the production of prefabricated bathrooms  
Top of existing ceramic tiles or marble chip tiles  
Heated flooring  
Outdoor façades / exterior cladding  
Extruded polystyrene panels used in saunas  
Hammam and wellness centers  
Floor-level ducts and shower drains  
Most types of swimming pools  
Swimming pools waterproofed surfaces with Elastocem, Coverflex or Aquamaster  
Fiberglass baths and tubs



## Suitable supports

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Cement screeds; Litozem-based screeds; sulphate-based screeds (anhydrite); smoothing made with Litoliv S40 Eco, Litoliv Extra 15, Litoliv Express, Litoplan Rapid, Litoplan Smart; in-situ or precast concrete; supports waterproofed with Elastocem, Coverflex or Aquamaster; cement plasters; lime/cement plasters; gypsum/anhydrite-based plaster; wood or metal panels; fibreglass; PVC; linoleum; parquets; lightened panels.

## For the bonding of:

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Porcelain and Ceramic Tiles and Mosaics  
Glass Mosaic and Glass Tiles  
Reinforced Prefabricated Slab,  
Natural Stones  
Resin Agglomerates  
Large Porcelain / Ceramic tiles and Thin Slabs, including large formats  
Resin agglomerates Slabs and Engineered Stones  
Unstable Natural Stones types due to moisture warpage or subject to staining



### > FAÇADES

Bonding of ceramic tiles, gres porcelain and thin slabs, including those of large size, with or without reinforcement on **exterior façades**

### > DAMP ENVIRONMENTS

Bonding of mosaics on structures and templates of extruded polystyrene panels used in Turkish baths, **hammams and wellness centres**

### > OVERLAY

Bonding of ceramic tiles, mosaics, reinforced slabs, natural stones or resin agglomerates over **old ceramic or marble tiles**

### > SWIMMING POOLS

Bonding of ceramic tiles and mosaics in swimming pools including **surfaces waterproofed** with Elastocem, Coverflex or Aquamaster and in swimming pools and whirlpools with traditional **structures in concrete, AISI 316 steel and fibreglass**

### > GREEN MARBLE

Bonding of natural and moisture-sensitive stones and those subject to staining

### > NATURAL STONES

Bonding of tiles, mosaics and natural stones on **metal surfaces**



## ➤ Application

Empty completely all the contents of the catalyst (B) onto the paste (A).

Mix at slow speed using an electric drill equipped with mixing paddle (Never mix only by hand with a trowel). Scrape the walls of the bucket to eliminate all parts of non-catalysed product.

Apply the product with a notched trowel.

The tiles are laid on the adhesive applying a consistent pressure to ensure contact with the adhesive before it's initial set time which will occur after 50 minutes.

The joints between the tiles may be grouted after about 24 hours.



## WATERPROOFING OF SURFACES AND GLUEING

To obtain the simultaneous waterproofing of the surface, you can proceed in two ways:

1 - Apply product with a notched trowel of at least 2mm, smooth product with a flat trowel to insure a consistent layer of 1mm minimum thickness of waterproofing, now apply the required adhesive for the tile being bonded to the waterproofing layer with an appropriate sized notched trowel (being careful not to break through to the 1mm layer) and bond your tiles.

2 - Create a levelling of at least 1 mm of thickness. When the product is walkable (approx. 24 hours), then glue the ceramic tiles using a notched trowel.



Mixing ratio: Component A: 92,6 parts by weight - Component B: 7,4 parts by weight.

Mixture life: approx. 60 minutes.

Allowed application temperatures: from +10°C to +30°C (50F to 86F).

Open time: 50 minutes.

Set to light foot traffic and grouting: after approx. 24 hours.

Cleaning of equipment and residue: with water prior to hardening.

Consumption: 1.1/3.5 kg/m<sup>2</sup> (.22 lbs to .70 lbs per SF).

Shelf life: 24 months in original packaging in a dry place. AVOID FREEZING.

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