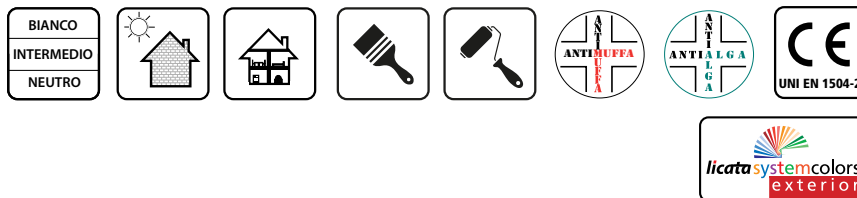


Elasto Paint

Elastomeric micro coating, waterproof, with high resistance to atmospheric agents, certified according to UNI EN 1504-2. Specific for the decorations and the protection of reinforced concrete and the aesthetic and functional renovation of façades in difficult conditions.



Elasto Paint is a micro coating based on elastomeric acrylic self-crosslinking special binders agents in aqueous dispersion, that can be pigmented, ready to use. Specific for interventions on existing façades, ideal on new applications. **Elasto Paint** is particularly indicated in aesthetic-functional restoration cycles of façades with microcavillations or cracks. **Elasto Paint** fulfils the requirements laid down by **UNI EN 1504-2**: coating (C), for protection against the risk of penetration 1.3 (PI), humidity control 2.2 (MC) and increase in resistivity 8.2 (IR). **Elasto Paint**, after the complete drying, forms an elastic coating, impermeable to water, to aggressive agents present in the atmosphere (CO₂ – SO₂) but, at the same time, permeable to the passage of steam, it is therefore ideal for the decoration and protection of structures in reinforced concrete such as beams, pillars, balconies etc. The special additive in the formula guarantees excellent protection against attacks by mould and algae. **Elasto Paint** can be pigmented in over 600 types of different colours, from pastel shades to bright colours.



MAIN FIELDS OF USE

Elasto Paint is indicated for the decoration of indoor/outdoor, new or existing bases, on residential, industrial or commercial buildings. It is advisable to use the product on cured bases, i.e. after a curing time of at least four weeks. It can be applied on bases such as:

- Thermal renders
- Lime or lime/cement-based renders
- Reinforced skim coatings in façade with microcavillations restoration cycles
- Concrete
- Pre-fabricated concrete panels
- External thermal insulation composite systems

For applications on different substrates, please contact our technical department.

CHARACTERISTICS

- Certified according to **EN 1504-2**: **Elasto Paint** fulfils the requirements laid down by **UNI EN 1504-2** coating (C), for protection against the risk of penetration 1.3 (PI), humidity control 2.2 (MC) and increase in resistivity 8.2 (IR).
- Ideal for the protection and decorative finish of reinforced concrete: **Elasto Paint**, once fully dry, forms a coating that is resistant to water and aggressive agents in the atmosphere (CO₂ – SO₂). It is ideal for decorative finishes and protecting structures in reinforced concrete, such as beams, columns, balconies, etc.
- Elasticity: **Elasto Paint** has excellent elasticity, it is therefore ideal for aesthetic-functional restoration of façades with microcavillations or cracks.
- Waterproof: **Elasto Paint**, once completely cured, creates an unbroken, waterproof film that prevents rainwater from penetrating it, thus keeping the treated surfaces dry.
- Exceptional chemical resistance: the result of research by **Licata SpA labs**, **Elasto Paint** has a high resistance to organic oils, alcohols and ethers.

- High permeability to water vapour: thanks to the special resins used for its formulation, **Elasto Paint** has a high permeability to water vapour.
- Protection against mould and algae: the special anti-mould additives in the formula ensure an excellent degree of protection from mould and algae formation.
- Excellent coverage: **Elasto Paint** contains latest-generation additives and natural silica inert fillers which ensure an exceptional covering ability after just two layers.
- Wide choice of colours: from pastel shades to ultra-bright colours, **Elasto Paint** can be coloured with over 600 different colour shades.

APPLICATION METHOD

Preparation of the substrate

Mechanically remove any flaking areas or parts which are starting to detach. For small areas, use suitable products for repair and to restore smoothness. If the substrate shows signs of mould or algae, pre-treat the affected areas with Sanus biocide. A substrate that is ready for application should be clean, smooth, cohesive, with no flaking. Clean the surfaces to remove any traces of dust or detergents, oily substances, mineral greases, etc.

Before painting, it is always necessary to apply before:

- Elasto Primer – elastomeric resins base fixative in aqueous solution

Preparation of the product

IT IS possible to dilute Elasto Paint with clean water in the following ways:

- Application with brush or roller: 25% 1st coat– 20% 2nd coat

After dilution, IT IS advisable to mix the paint for a few minutes using a mixer whisk to make the mixture smooth.

Application

Elasto Paint must be applied manually (by roller or brush) in two or more cross-over layers in order to achieve perfect coverage and the desired finish. For multiple applications, apply successive layers about 3 hours apart.

Particularly absorbent substrates or unfavourable climatic conditions (areas subjected to strong air currents, high temperatures, etc.) can lower the open paint time to just a few minutes, therefore, you must constantly check that a surface film does not form and if it dries out too quickly. Elasto Paint, in ideal conditions, cures sufficiently for successive applications after approximately 5-6 hours (+20 °C and R.H. 70%) and full curing 24 hours after the last coat.

Do not apply Elasto Paint on substrates that have a film of water on the surface, are wet or exposed to extreme conditions, such as walls exposed to strong sunlight or frost.

Make sure that the ambient temperature and that of the substrate during application is between +5 °C and +35 °C.

PRODUCT INFORMATION

Appearance	Liquid - White
Yield	0.350 - 0.450 kg/m ²
Dilution	20% - 25%
Drying time	5-6 hours at +20 °C to touch approx. 24 hours at +20 °C fully dry
Application temperature	between +5 °C and +35 °C and 70% R.H.
Storage	12 months if stored in the original, unopened container
Packaging	20 kg polypropylene bucket
Binding agent	Elastomeric copolymers
Specific gravity	1.50 kg/L
Dirt pick-up	Low
Brightness	Matt
VOC (Directive 2004/42/EC) for external wall coating (Cat A/c):	< 30g/L of VOC



PERFORMANCE according to UNI EN 1504-2

Characteristic	Test method	Expression of results	Performance
Permeability to CO ₂	EN 1062-6	Declared class	C1
Water-vapour permeability	EN ISO 7783-2012	Declared class	V2
Capillary water absorption and liquid water permeability	EN 1062-3	Declared class	W3
Bond strength by direct tension	EN 1542	Declared class	>2,4 N/mm ²
Withdrawal hazardous substances	NA		The cured product does not release hazardous substances

WARNINGS

- Not suitable for frozen or thawing substrates.
- In the event of difficult substrates or ones differing from those listed, perform a suitability test beforehand and contact our technical department.
- Store the containers in places out of direct sunlight and at temperatures not below +5 °C to avoid compromising the quality of the material.
- Always check the material before applying it to make sure that the colour matches the one requested.
- Any claims about the colour shade will not be accepted after application.
- It is not possible to guarantee drying with colour differences (stains) due to:
 - the different atmospheric and physical conditions in which the building is located;
 - scaffolding;
 - the conditions of the substrate (such as structure, absorption aspect, etc.);
 - the use of natural raw materials.
- Protect from direct sunlight and heavy rainfall for the first 48-72 hours. The effective temperature and degree of humidity may speed up or slow down the drying process.
- Protect eyes and hands during application.
- After using the product, wash the tools with water.

SAFETY

Please consult the safety data sheet for information about product disposal, storage and usage.

NOTES

This data sheet replaces and voids all previous versions.

The indications and specifications given in this document are based on our current technical and scientific knowledge. They should, however, be considered as purely indicative because we have no control over the conditions in which the product will be used. The purchaser must, therefore, check that the product is suitable for his specific requirements. Our sales and technical network guarantees rapid consultancy services and is at your disposal for any clarifications and questions you may have about the use and application of **Licata SpA** products.

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