



OPTIMAL ADV



ELASTOTET S.A.

SEALANTS - ADHESIVES - COATINGS - PU FOAMS - SPRAYS

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SEALANTS - ADHESIVES - COATINGS - PU FOAMS - SPRAYS

SEALANT SOLUTIONS



Full range of silicones, acrylics, polyurethanes, ms sealants and coatings



HISTORY

Elastotet was founded in 1970. It is the first Greek company which specializes both in the manufacturing and application of, mainly, 2-component sealants.

Until the mid-80s, the company produced sealants and undertook the task of applying them at major public works, such as at the Mornos Dam and the irrigation networks of all the major rivers of Northern Greece.

Since then, Elastotet has consolidated its position in the market of sealants and waterproofing materials in Greece by providing their services, products and know-how to major public construction works domestically.

Activity – Commercial Sector

Elastotet produces and distributes a wide range of high quality sealants directed to professionals in various sectors, as well as to DIY retail shops. It produces a complete range of sealants, adhesives and surface coatings (acrylic, silicone, polyurethane, hybrid), PU foams, color sprays, etc.

The commercial range is distributed through a network of wholesalers and distributors to paint shops, aluminium frame parts shops, insulating and construction materials shops, as well to professional end users like construction companies, aluminium frame, solar heater constructors, etc.

ELASTOTET S.A currently exports to a large number of countries, especially countries of the Balkan Peninsula, Cyprus and the Middle East.



SEALANTS

Sealants are used for waterproofing joints between two different building materials. These products have both sealing and adhesive properties. Depending on the degree of their elasticity, they can avert the building up of strain at the joints and prevent buckling of the building materials. They are pasty, but after exposure to air they gradually turn into an elastic mass. They are divided into many different categories depending on composition and application.

For the right choice of sealant, the following information is required:

The substrate that the material is to be applied to (glass, painted aluminum, wood, concrete, etc).

Whether the application will be external or internal.

Contraction-expansion level of building materials.

CONSUMPTION

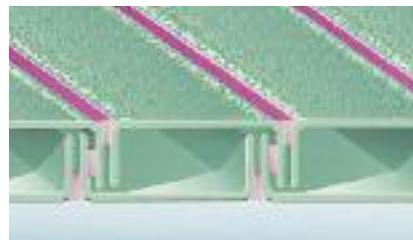
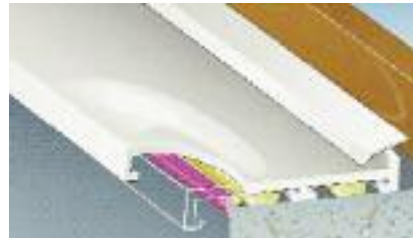
In order to calculate material consumption correctly, the following information is necessary:

Width of joint [in centimeters].

Depth of joint [in centimeters]

(in the event of width less than 2 centimeters, minimum depth should be estimated at 1 centimeter, in all other cases depth should be estimated at ½ of width).

Length of joint [in linear meters].



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● ACRYLIC

Description-application

One component acrylic sealant based on acrylic resins, suitable for sealing joints in porous substrates, like the areas between windows and sills, door/window frames and walls, cracks etc. For outdoor and indoor applications. Not recommended for joints permanently submerged in water (tanks etc). Paint after hardening

Packaging

280 ml cartridge, 400ml & 600 ml sausages.

Color

White, grey, brown. More colors available by special order.

● PARQUET FLOORING ACRYSEAL

Description-application

Acrylic floor sealant with excellent bonding to all the porous building materials (plaster, wood, synthetic wood, bricks etc). Suitable for sealing joints in wooden or laminate floors. Also suitable for filling openings and gaps created during the laying of flooring materials or gaps created over time. It retains its elasticity and does not crack. After polymerism it can be grinded and painted.

Packaging

280 ml cartridge.

Color

A selection of natural hues of oak, beech, maple, mahogany, walnut, cherry.

● SEALAC

Description-application

One component sealant with excellent bonding to all porous (concrete, bricks, wood etc) and non-porous (glass etc) surfaces. Suitable for areas between windows and sills, door/window frames and walls, cracks etc. For outdoor and indoor applications. Not recommended for joints permanently submerged in water (tanks etc). Paint after hardening

Packaging

280 ml cartridge, 5 kg container.

Color

White.

● LASTOSPAT

Description-application

Acrylic spatula putty for smoothing and preparing all kinds of surfaces (walls, wood etc) to be painted. It is manufactured in air pocket (therefore, it has no air bubbles) and it offers a smooth, flawless, snow-white, water-resistant final surface. Fast hardening, easy to grind, easy to paint.

Packaging

Containers of 400g, 800g, & 5kg.

Color

White.



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● S Hi Temp

Description - application

Acetoxy flange silicone with excellent bonding to all non-porous substrate. It retains its elasticity at high temperatures (260 C permanently, 300 C occasionally). S Hi Temp is ideal for sealing engine flanges, valve caps, exhaust pipes and ventilation ducts. Resistant to oil, valvoline oil, grease, antifreeze and water. Non-paintable.

Packaging

Cartridges of 280ml.

Color

Red.

● SUPERWHITE 10 – MICROBAN

ANTIBACTERIAL PROTECTION

(10-year warranty against fungi growth).

Description-application

High-performance, mildew resistant silicone. Microban technology prevents the development of fungi and the appearance of stains on the surface of the material in areas exposed to moisture and soap waters (bathrooms, kitchens). Suitable for sealing joints on non-porous substrate (tiles, glass, bathroom fixtures) and in areas of high sanitary standards. Non-paintable.

Packaging

Cartridges of 280ml.

Color

Transparent, white, brown, grey.

● S 100

Description-application

Acetoxy silicone of high mechanical resistance and increased bonding to non-porous substrate. It retains its qualities for more than 15 years, even if exposed to direct sunlight, rain and frost. Suitable for industrial and technological applications of high demands, like solar water heaters, shop windows, glass constructions, aquariums and boats. Non-paintable.

Packaging

Cartridges of 280ml, sausages of 600ml.

Color

Transparent, white. More colors available by special order.

● S 200

Description-application

Acetoxy, mildew-resistant silicone for sealing joints in glass, aluminum, porcelain, ceramic. Highly resistant to moisture, water and detergents. Suitable for bathrooms, kitchens, hospitals, laboratories etc. The fungicide it contains prevents the growth of fungi on its surface. Not recommended for aquariums. Non-paintable.

Packaging

Cartridges of 280ml, sausages of 400ml & 600ml.

Color

Transparent, white. More colors available by special order.

● S 300

Description-application

General-purpose acetoxy silicone, which can be used for a number of bonding applications. S 300 is suitable for sealing joints on surfaces of non-porous materials, like glass, aluminum, porcelain tiles, ceramic etc. Non-paintable.

Packaging

Cartridges of 280ml, sausages of 400ml & 600ml.

Color

Transparent, white, black, brown, grey. More colors available by special order.

● S 400

Description-application

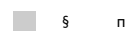
Economic type of general-purpose, acetoxy, mildew-resistant silicone. S 300 is suitable for sealing joints on surfaces of non-porous materials, like glass, aluminum, porcelain tiles, ceramic etc. Ideal for bathrooms and kitchens. Non-paintable.

Packaging

Cartridges of 280ml.

Color

Transparent, white.



● S MIRROR

Description-application

Neutral silicone with excellent bonding to all kinds of substrate, like wood, chipboard, cement, plaster, walls painted with plastic or ripolin. It is odorless and non-irritating to the skin and eyes. S mirror is ideal for mounting mirrors on walls. Provides effective bonding and does not damage the silver plating of the mirror. Non-paintable.

Packaging

Cartridges of 280ml.

Color

White.

● S-800

Description-application

Joint adhesive of high shore hardness based on a special silicone type. Good bonding to painted aluminum. It does not stain or tarnish. It can be used for a long period of time after packaging has been opened. S 800 is ideal for sealing hairline cracks in the joints of aluminum frames. Non-paintable.

Packaging

Cartridges of 280ml.

Color

Black, white.

● S 900

Description-application

Neutral silicone with good adhesion to porous and non-porous surfaces. It is odorless and non-irritating to the skin and eyes. Suitable for poorly ventilated rooms. S 900 is ideal for numerous household applications. It provides efficient bonding to plastic, wood, metal, cement, plaster, tiles, ceramic, glass, painted aluminum. Non-paintable.

Packaging

Cartridges of 280ml.

Color catalogue

	Transparent		Green 6005		Brown 8014
	White		Green 6009		Oak
	Beige 1015		Grey 7035		Silver 9006
	Red 3005		Grey 7005		Golden Oak
	Blue 5010		Grey 7045		
	Blue 5003		Black		

More colors available by special order.



● ELASTOTAN

Description-application

Elastomeric sealant of high mechanical strength and excellent bonding to all kinds of substrate. Ideal for sealing joints between the same or different building materials, such as:

- 1) Concrete joints (Contraction-expansion joints, work joints).
- 2) Joints between frames and concrete, plaster, glass, aluminum, wood, stone, plastic, asbestos-cement etc.
- 3) Joints between building materials and metal or PVC pipes.
- 4) Joints between building materials and PVC roofing membranes.

Packaging

Cartridges of 280ml, sausages of 600ml.

Color

Grey, white. More colors available by special order.

● ELASTOTAN-S

Description-application

Elastomeric sealant with excellent bonding and superb endurance to ageing. It does not stain marble and natural stone. Ideal for sealing the joints of aluminum frames in the facades of buildings made of natural stone. Suitable for sealing joints between the same or different building materials (concrete joints, joints between frames and concrete, plaster, glass, aluminum, wood, stone, plastic, asbestos-cement, joints between building materials and metal or PVC pipes, joints between building materials and PVC roofing membranes etc).

Packaging

Cartridges of 280ml.

Color

White. More colors available by special order.

● ELASTOSEAL PU

Description-application

Polyurethane-based sealant of high mechanical strength and excellent bonding to porous and non-porous substrate (concrete, wood, aluminum, stainless steel, galvanized and painted metal, hard plastic, rubber, natural stones). Suitable for use in car industry, as well as in the construction, industrial and shipbuilding sectors.

Available types: LM 15 Shore A Hardness, 30 Shore A Hardness, 40 Shore A Hardness, Shore Hardness A 50 FC.

Packaging

Cartridges of 280ml, sausages of 600ml.

Color

Grey, white. More colors available by special order.

● CALF

Description-application

Elastomeric sealant based on synthetic resins. It features high mechanical strength and superb endurance to ageing. It is free of solvents and toxic side-products. Ideal for use in the shipbuilding industry (e.g. for sealing joints in wooden ship decks). Non-paintable.

Packaging

Sausages of 600ml.

Color

Black.



● ELASTOTET EB

Description-application

Two-component, elastomeric adhesive and sealant based on polyurethane resins. Its two components, after mixing, form an elastic, cohesive membrane, which provides strong, elastic adhesions. Available in two types:

- 1) ELASTOTET EB 11: For vertical surfaces.
- 2) ELASTOTET EB 13: For horizontal surfaces (self-leveling type).

Ideal for sealing concrete joints in floors and structures like reservoirs, straits etc. Paintable.

Packaging

Containers of 5kg.

Color

Grey.

● PRIMER VL

Description-application

Polyurethane-based primer which ensures the proper adhesion of sealants to porous substrates and concrete.

Packaging

Containers of ½kg & 1 kg.



● IG - 1K

Description-application

One-component sealant for double glazed windows. When exposed to air it turns into an elastic cohesive mass. It features excellent bonding to all substrates (especially glass and aluminum), high mechanical properties, and endurance to ageing, UV radiation, water and moisture. Ideal for sealing double glazed windows and solar water heaters.



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● MONTAGE STICK

Description-application

Solvent-free, acrylic-based adhesive, which provides powerful elastic bonding. No need for screwing, drilling or nailing. Excellent bonding to all kinds of materials (wood, plastic, marble, tiles, gypsum, plaster). Ideal for vertical surfaces, and for bonding decorative items made of gypsum, plastic tubes or panels to sheets/foils made of polyurethane foam, expandable polystyrene, and PVC. Paintable.

Packaging

Cartridges of 280ml.

Color

White.



● MONTAGE S

Description-application

Adhesive material based on synthetic caoutchouc in a solvent solution. Excellent bonding to all substrates (porous, non-porous). No need for a primer. Ideal for bonding decorative items made of gypsum, plastic tubes, panels, window panes, ceramic tiles and marble. Paintable. Not recommended for wet surfaces or surfaces sensitive to solvents (polystyrene sheets/foils, mirrors etc).

Packaging

Cartridges of 280ml.

● LASTOSTICK

Description-application

Powerful, solvent-free, one-component adhesive. It starts hardening immediately it is exposed to air, and it is water and moisture resistant. Ideal for the internal application on aluminum surfaces (for crimping assembling gluing) and all wooden constructions. Suitable for all materials (aluminum, wood, concrete, ceramic etc). Slightly expandable and, therefore, recommended for filling openings and cracks in concrete. Sprinkling of surfaces with water accelerates hardening.

Packaging

Cartridges of 280ml @ 1lt. Sausages of 600ml.

● ELASTOBOND

Description-application

Elastobond is an elastic adhesive material based on hybrid resins (MS technology). It offers fast bonding. It demonstrates excellent mechanical properties and excellent resistance to U.V. radiation. It adheres well on humid surfaces, even with the use of Primer. It is fast curing. It can be painted with common paints. It does not stain porous surfaces and it does not allow the development of fungi. It is solvent and isocyanate free.

It is suitable for elastic bonds in all substrata, like metal surfaces, concrete, plastics, coated aluminium, glass, marble, etc. It is highly recommended for mirror adhering (it does not attack mirror silver plating), as well for bonding in panel, safety door productions, etc.

Packaging

Cartridges of 280 ml and sausages of 600 ml.

Color

White, Grey, Brown, Transparent. Paintable.



● LASTOFLEX PU

Description-application

One-component, liquid, surface coating based on polyurethane resins. It features high resistance to water and moisture, and high endurance to mechanical tear. Ideal for waterproofing terraces and for inverted roofs, water tanks, flower stands, basements and generally surfaces where there is stagnant water. Suitable for all kinds of substrate (concrete, slabs, asbestos-cement etc).

Packaging

Metallic containers of 0,70lt, 3,6lt & 18lt.

Color

White. More colors available by special order.



● LASTOFLEX ST

Description-application

New generation, one-component, liquid, surface coating based on silane resins. It features great elasticity, endurance to ageing and vapor-permeability. Ideal for vertical and horizontal surfaces, inverted roofs, water tanks, flower stands, basements and generally surfaces where there is stagnant water. Fast-hardening, no air bubbles are formed during spreading. It is recommended for the protection and waterproofing of terraces insulated with polyurethane foam.

Packaging

Metallic containers of 0,70lt, 3,6lt & 18lt.

Color

White. More colors available by special order.



● LASTOCRYL-R

Description-application

Liquid surface coating based on acrylic resins and special additives. It features low water permeability and high resistance to moisture and UV radiation. Ideal for waterproofing terraces. Suitable for all kinds of substrate (concrete, slabs, asbestos-cement etc). It is not recommended for surfaces permanently submerged in water.

Packaging

Plastic containers of 1kg, 5kg & 15kg.

Color

White.



● PRIMER W40

Description-application

Primer specially designed for ensuring proper adhesion of final coating, as well as for increasing hydrophobia of porous-alkalic substrates. It is able to penetrate deep into the surface of all porous substrates, it is vapor permeable and offers excellent resistance to alkalic surfaces. Suitable for interior (plaster, gypsum boards etc) and exterior (concrete, cement-slabs etc) applications. It enhances protection offered by acrylic-based, brushable sealants for terraces and vertical surfaces, and prevents building paintwork from flaking/peeling.

Packaging

Plastic containers of 1kg.



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● LASTOFOAM Adapter

Description-application

Polyurethane foam for filling cracks and openings. Exceptional bonding to all kinds of substrate, except for polyethylene, polypropylene and Teflon. It is resistant to water and ageing, but sensitive to UV radiation. It is an excellent insulator. Ideal for fixing door/window frames, and insulating tiled roofs. It does not shrink after hardening.

Packaging

Spray cans of 750ml & 300ml.

● LASTOFOAM Gun

Description-application

Polyurethane foam for filling cracks and openings. Exceptional bonding to all kinds of substrate, except for polyethylene, polypropylene and Teflon. It is resistant to water and ageing, but sensitive to UV radiation. It is an excellent insulator. Ideal for fixing door/window frames, and insulating tiled roofs. It does not shrink after hardening. Depending on the requirements of each application there are two more types available: one suitable for low temperatures and one of low expansion.

Packaging

Spray cans of 750ml.

● LASTOFOAM Gun Spray Cleaner

Description-application

Solvent in the form of a spray for cleaning polyurethane foam guns. Also suitable for cleaning fresh foam from surfaces or tools. Indispensable when using a polyurethane foam gun.

Packaging

Spray cans of 500ml.



● LBS 3500

Description-application

Highly penetrative lubricant for numerous applications. Suitable for cleaning and lubricating moving mechanical and electronic parts. It also protects mechanical parts from rust and prevents jamming. Suitable for cleaning, protecting and lubricating fishing gear, boat engines, as well as parts of the engines that come into direct contact with sea water.

Packaging

Spray cans of 200ml & 400ml.



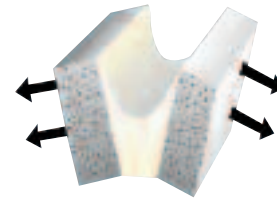
● SILIPROOF

Description-application

Brushable waterproofing material. Easy and fast application. Great endurance to ageing. Provides complete waterproofing and at the same time allows surfaces to breath. Due to the fact that it is transparent, original paintwork of surfaces remains intact. Suitable for inorganic, porous surfaces (plaster, natural stones, concrete, porous tiles, decorative bricks etc).

Packaging

Metallic containers of 1kg, 5kg & 15kg.



● CHOICE OF SEALANT /APPLICATION

It is advisable that the following are taken into consideration for optimum results:

- 1) Right choice of sealant. The choice of sealant should be based on the individual needs of each application. Therefore, the building materials, the kind of application (external or internal), the level of waterproofing required, the mechanical properties (functional warping) etc should be taken into account.
- 2) Weather conditions during application (temperature, humidity, rain).
- 3) Application instructions are followed closely.

● SUBSTRATE PREPARATION

- 1) The edges of the joint must be freed of any kind of loose particles with the use of pressurized air. Metallic surfaces must be cleaned of grease with the use of a special solvent or petrol.
- 2) For better aesthetic results, it is advisable that masking tape is applied along both edges of the joint to avoid staining of the surface due to occasional sealant spreading. The tape can be removed after hardening of the material.
- 3) In the event the sealant is to be applied to concrete joints, it is advisable that the surface is primed with a special primer in order to increase stability. As a general rule, priming of the surface is needed only in case extremely strong bonding is required.

● APPLICATION OF SEALANT

- 1) A cartridge or sausage of sealant should be inserted into the dispensing gun. Once the trigger is pressed, the sealant starts coming out of the container, filling the joints.
- 2) A spatula should be used to give the surface of the sealant the shape of a slightly raised meniscus. Bonding of the material to the substrate develops gradually with hardening, a process which is usually accelerated with rise in temperature.

Manually operated/pneumatic cartridge guns



● WEXFORT HKS

Cartridge gun of 0,28lt & 0,31lt.



● KENNET

Cartridge gun of 0,28lt & 0,31lt.



● CHILTON

Cartridge gun of 0,28lt & 0,31lt.



● TYNE

Cartridge gun of 0,28lt & 0,31lt.



● ALVERN MANUAL

Cartridge gun of 0,28lt & 0,31lt.



● ALVERN AIR

Cartridge gun of 0,28lt & 0,31lt.

Manually operated/pneumatic sausage guns



● AVON

Manually operated gun closed type for sausages and cartridges of 0,4lt.



● AVON

Manual gun closed type for sausages of 0,6lt.



● TRENT

Manual gun (closed type) for sausages of 0,4lt & 0,6lt.

Polyurethane foam guns



● MG PRO

Polyurethane foam gun