



LIQUID RANGE

LIQUID SOLUTIONS FOR WATERPROOFING



STRENGTHS

OF THE GENERAL MEMBRANE LIQUID RANGE



THE PRODUCTS

HIGH PERFORMANCES



Torch-free laying



Excellent versatility



Limited thickness



Free of hazardous substances for the operator



Can also be used in non-ventilated environments

ALL THE LIQUIDS



Ideal for waterproofing technical details



Easy and quick to apply



Transport not subject to regulations on dangerous goods



Low environmental impact



Increases the **durability** of the covering

WATER BASED LIQUIDS

THE COMPANY

TECHNICAL ASSISTANCE



Our Technical Department on hand

throughout all phases of the design, application and maintenance of the waterproof systems



Drawing up of **specific Statements of Work**



Supply of **specific technical documents**

tecnico@generalmembrane.com





TO INTEGRATE PREFABRICATED MEMBRANES

On surfaces waterproofed with bituminous materials, liquid products are extremely practical for the **waterproof joining¹** of oddly shaped **technical details** (flaps, skylights, vents, gutters, pipes, frames, metal bars, etc.) or for operating in **compact spaces that are hard to reach** with prefabricated membranes and with the relative laying equipment (small drainage channels, narrow gaps between walls, etc.). The instruments required for waterproofing with liquid products are simple and lightweight, which makes these membranes easy and quick to apply.

AN ALTERNATIVE TO PREFABRICATED MEMBRANES

In the context of the so-called “continuous” waterproofing, liquid products are a valid alternative to rolled sheets (or membranes). Though both solutions offer similar properties, liquid membranes are more **suited to a variety of application conditions**.

Compared to prefabricated membranes, there are cases in which liquid waterproofing membranes ensure **greater versatility**: besides being easier to apply, they **do not require the welding torches** during application and are able to cover the entire surface uniformly, without leaving any exposed areas, as no overlaps or continuous welding are necessary.



SAFEGUARDING HEALTH AND THE ENVIRONMENT: THE WATER-BASED ECO-LIQUIDS RANGE

ECO-LIQUIDS is the range of General Membrane liquid waterproofing products, consisting entirely of **water-based** products.

Similarly to solvent-based solutions used in the sector until now, the **ECO-LIQUIDS** can be used on many different surfaces and are **highly resistant** to waterlogging, UV rays, weathering, freeze-thaw cycles, traction and cracking, retaining their elasticity over time².

Furthermore, General Membrane water-based products have a **low environmental impact** and are **free of volatile solvents**, which adds further advantages: it **cancel**s the risk of **flammability** and thus their **dangerousness** both during **transport** and during **use**, meaning they can also be used in **closed** or poorly ventilated environments.

ECO-LIQUIDS is the range formulated for customers seeking to blend **durability, ecology** and **safety**. Find out more!

1. Verify compatibility with bitumen-based products, indicated on pages 4-5 (Selection Table)
2. Verify the characteristics of each single product, grouped in pages 4-5 (Selection Table)



	PRODUCTS	FUNCTIONS					COMPOSITION		TREATABLE SURFACES								CHARACTERISTICS							page no.		
		PRIMER	GLUE	WATERPROOFING LIQUID	SEALANT	PAINT	BITUMINOUS	SYNTHETIC	CEMENT-BASED	WOOD	METAL	FIBRE CEMENT	LIQUID MEMBRANES	PREFABRICATED MEMBRANES	PLASTERBOARD	CERAMIC PAVING	PLASTER	GLASS	COATING RECOMMENDED IF FULLY EXPOSED	REINFORCEABLE	RESISTANT TO WATERLOGGING	HIGHLY REFLECTIVE	APPLICABLE ON DAMP SURFACES (MAX. 3%)		NO. OF COATS	CRISS-CROSS LAYING
WATER-BASED	ECOLIQUID SUPER	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓		✓	✓	✓		✓	≥ 2			8
	ECOLIQUID Q-FLEX	✓	✓	✓			✓ ⁵	✓ ⁵	✓	✓	✓	✓	✓ ¹	✓ ²	✓	✓		✓	✓	✓		✓	≥ 2		✓	9
	ECOLIQUID ALU			✓ ⁶		✓	✓		✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓		✓	✓		✓	✓	≥ 2			10
	ECOLIQUID FIBER			✓			✓		✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓			✓		✓	✓	≥ 2	✓	✓	11
	ECOLIQUID WHITE FIBER			✓			✓		✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓			✓	✓	✓ ³	✓	≥ 2	✓	✓	12
	ECOLIQUIDA	✓		✓			✓		✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓			✓	✓		✓	≥ 2			13
	ECOPRIMER	✓					✓		✓	✓	✓	✓	✓ ⁴	✓ ⁴								✓	1			15
	REFLECT PAINT PLUS					✓	✓		✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓	✓	✓				✓ ³	≥ 2	✓		16
	VERNICE ECO ALU					✓	✓		✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓	✓	✓				✓	≥ 2			17
	VERACRILICA					✓	✓		✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓	✓	✓					≥ 2	✓		18
	FONDO			✓			✓		✓	✓		✓							✓			✓	≥ 2			18
SOLVENT-BASED	BITULIQUIDA	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓				≥ 2			24
	SPECIAL PRIMER	✓				✓		✓	✓	✓	✓	✓ ⁴	✓ ⁴	✓	✓		✓						1			24
	RAPID PRIMER	✓				✓		✓	✓	✓	✓	✓ ⁴	✓ ⁴	✓	✓		✓						1			25
	BRIDGE PRIMER	✓				✓		✓	✓	✓	✓	✓ ⁴	✓ ⁴	✓	✓		✓					✓	1			25
	VERNICE ALU					✓		✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	✓		≥ 2			26
	REFLECT PAINT SOL					✓	✓	✓	✓	✓	✓	✓ ¹	✓ ¹	✓	✓	✓	✓			✓	✓ ³		≥ 2	✓		26
	GLUE and GLUE INV		✓			✓		✓	✓	✓	✓	✓	✓		✓		✓					✓	1			27
	GLUE HV and GLUE HV INV		✓			✓		✓	✓	✓	✓	✓	✓		✓		✓					✓	1			27
	STICK		✓		✓	✓		✓	✓	✓	✓	✓	✓		✓		✓					✓				28

Notes:

1. If applied to smooth membranes, these must be suitably aged.
2. If applied to non-slated membranes, treat the surface with Ecoliquid Super primer diluted at 10%.
3. High reflectance certification. Test report of the Department of Mechanical and Civil Engineering – University of Modena and Reggio Emilia.
4. Use exclusively as a base coat for bituminous products.
5. Dual-component. General Ecoliquid Q-Flex is the only product combining bituminous and synthetic components.
6. Waterproofing function: first coat with General Ecoliquid Super, second coat with General Ecoliquid Alu.

ECO-LIQUIDS

WATER-BASED: AN ECO-SYSTEM OF SOLUTIONS



The aim of General Membrane is to satisfy all modern covering requirements, while ensuring **durability**. With the **ECO-LIQUIDS** range, this mission blends awareness to the health and safety of professionals and end users together with the company's *green* approach – already guaranteed by the ISO 14001 and ISO 14064 certifications and by its membership of the U.S. Green Building Council.

The **ECO-LIQUIDS** range comprises a system of **water-based liquid waterproofing solutions** – free of solvents – which make the General Membrane package even more complete and synergistic.

The products of the range:

- ▶ GENERAL ECOLIQUID SUPER
- ▶ GENERAL ECOLIQUID Q-FLEX
- ▶ GENERAL ECOLIQUID ALU
- ▶ GENERAL ECOLIQUID FIBER
- ▶ GENERAL ECOLIQUID WHITE FIBER
- ▶ GENERAL ECOLIQUIDA

GENERAL ECOPRIMER ◀

GENERAL REFLECT PAINT PLUS ◀

GENERAL VERNICE ECO ALU ◀

GENERAL VERACRILICA ◀

GENERAL FONDO ◀



WATER-BASED LIQUID MEMBRANES

GENERAL ECOLIQUID SUPER

WATER-BASED MULTI-PURPOSE ELASTOMERIC-BITUMEN LIQUID MEMBRANE



CHARACTERISTICS



Description	Multi-purpose thixotropic waterproofing liquid in bituminous emulsion, containing special elastomer resins and special additives. Features optimal adhesion, good elasticity and durability; easy to lay (cold-applied), it can be used as a: liquid membrane (dilutable up to 10%), bituminous sealant , binder for insulating panels and anti-dust primer (diluted 50%). <i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i>				
Storage			Application methods		
Packages	5, 10 or 20 kg plastic pails; 310 ml cartridges (24-piece boxes)		Consumption	1.2–1.8 kg/m ² With reinforcement roughly 2 kg/m ² Point bonding: 0.4–0.7 kg/m ²	
Colour	Black	Drying time	Roughly 4 hours (see technical data sheet for further information)		
Precautions	Apply at ambient temperatures between +5°C and +35°C. Avoid applying in conditions of fog, rain, frost or extreme heat and cold. On surfaces exceeding 10 m ² or on supports subject to stress, we recommend adding a suitable reinforcement to General Ecoliquid Super . If the waterproofing layer is left exposed, the surface should be coated over with suitable protective agents.				

TREATABLE SURFACES



- Cement-based
- Plasterboard
- Metal
- Wood
- Ceramic paving
- Fibre cement
- Prefabricated membranes
- Liquid membranes
- Glass

STRENGTHS

Product not subject to transport restrictions.

For further information: tecnico@generalmembrane.com



Multi-purpose



Can be applied horizontally and vertically



Coatable



Not subject to bacterial contamination

GENERAL ECOLIQUID Q-FLEX

WATER-BASED PIGMENTED ELASTOMERIC-BITUMEN LIQUID MEMBRANE WITH QUARTZ



CHARACTERISTICS



Description	<p>A ready-to-use creamy elastomeric-bitumen paste in aqueous emulsion, obtained by mixing special synthetic resins, special bitumens and quartz fillers with high adhesion power and resistance to water. Characterised by good elasticity, high adhesion to the support, durability and excellent impermeability. Easy and quick to apply, it can be coated with cement-based and coatable mortars. It can also be used as a primer (as is or diluted) and as a glue for bonding insulating panels on porous surfaces.</p> <p><i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i></p>			
Storage		Application methods		
Packages	5, 10 or 20 kg plastic pails		Consumption	2–2.5 kg/m ² ; With reinforcement roughly 3–3.5 kg/m ²
Colour	<p>Black Grey White Red</p>	Drying time	Roughly 6 hours (see technical data sheet for further information)	
Precautions	Apply the product at ambient temperatures between +5°C and +35°C. Avoid applying in conditions of fog, rain, frost or extreme hot and cold. If still damp, the layer can be washed away by rainwater or damaged by dew and frost. On surfaces exceeding 10 m ² or on supports subject to stress, we recommend adding a suitable reinforcement to General Ecoliquid Q-Flex . It can be left exposed or coated over.			



TREATABLE SURFACES



- Cement-based
- Plasterboard
- Metal
- Wood
- Ceramic paving
- Fibre cement
- Prefabricated membranes
- Liquid membranes
- Glass

STRENGTHS

Product not subject to transport restrictions.

For further information: tecnico@generalmembrane.com



High resistance to foot traffic



Coarseness: non-slip and enhanced grip for bituminous products



Can be applied horizontally and vertically



Certified under-tile waterproofing membrane

GENERAL ECOLIQUID ALU

WATER-BASED ALUMINIUM-BITUMINOUS LIQUID MEMBRANE



CHARACTERISTICS



Description	<p>Thixotropic waterproofing liquid in bituminous emulsion, obtained by mixing special resins, special additives and aluminium paste. Features optimal adhesion, good elasticity and durability; easy to lay (cold-applied), it does not require any protective paint. Apply after at least one coat of General Ecoliquid Super.</p> <p><i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i></p>		
Storage		Application methods	
Packages	5, 10 or 20 kg metal pails	Consumption	<p>Paint function: 0.4 - 0.7 Kg/m²</p> <p>Waterproofing function: 1.2 - 1.8 Kg/m² up to 2 Kg/m² if reinforced 0.4 - 0.7 Kg/m² over one coat of General Ecoliquid Super</p>
Colour	Aluminium	Drying time	Roughly 6 hours (see technical data sheet for further information)
Precautions	<p>Apply the product at ambient temperatures between +5°C and +35°C. Avoid applying in conditions of fog, rain, frost or extreme heat and cold. On surfaces exceeding 50 m² or on supports subject to stress, we recommend adding a suitable reinforcement to General Ecoliquid Super.</p>		



TREATABLE SURFACES



- Cement-based
- Plasterboard
- Metal
- Wood
- Ceramic paving
- Fibre cement
- Prefabricated membranes
- Liquid membranes
- Glass

STRENGTHS

Product not subject to transport restrictions.
For further information: tecnico@generalmembrane.com



Highly reflective



To restore and waterproof concrete terraces and old p.b. membranes



Can be applied horizontally and vertically



Does not require any further coatings



GENERAL ECOLIQUID FIBER



WATER-BASED PIGMENTED FIBRE-REINFORCED ELASTOMERIC LIQUID MEMBRANE



CHARACTERISTICS



Description	<p>Pigmented, fibre-reinforced, decorative, walkover, elastomeric, liquid waterproofing membrane formulated with modified acrylic copolymers in aqueous dispersion and special additives. Reduces carbonation of concrete. Forms a strong and elastic film that adheres perfectly and withstands atmospheric agents, UV rays and potential micro-cracks that may form on the underlying support. Does not require any reinforcement. It retains its resistance properties also on surfaces of industrial areas and in coastal zones. Ready to use.</p> <p><i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i></p>		
Storage		Application methods	
Packages	5, 10 or 20 kg plastic pails	Consumption	1.5–2 kg/m ²
Colour	Grey White Red	Drying time	Roughly 4 hours (see technical data sheet for further information)
Precautions	Apply the product at ambient temperatures between +5°C and +35°C in criss-cross coats. Avoid applying in conditions of fog, rain, frost or extreme heat and cold.		

TREATABLE SURFACES



- Cement-based
- Plasterboard
- Metal
- Wood
- Ceramic paving
- Fibre cement
- Prefabricated membranes
- Liquid membranes

STRENGTHS

Product not subject to transport restrictions.
For further information: tecnico@generalmembrane.com



No reinforcement required



Can be applied horizontally and vertically



High resistance to foot traffic



Certified under-tile waterproofing membrane

GENERAL ECOLIQUID WHITE FIBER

WATER-BASED PIGMENTED FIBRE-REINFORCED HIGH-REFLECTANCE ELASTOMERIC LIQUID MEMBRANE



CHARACTERISTICS



Description	<p>Pigmented, fibre-reinforced, decorative, walkover, elastomeric, liquid waterproofing membrane with certified high reflectivity* (SRI 108%) formulated with modified acrylic copolymers in aqueous dispersion and special additives. Reduces carbonation of concrete. Forms a strong and elastic film that adheres perfectly and withstands atmospheric agents, UV rays and potential micro-cracks that may form on the underlying support. It retains its resistance properties also on surfaces of industrial areas and in coastal zones. Ready to use.</p> <p><i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i></p>		
Storage		Application methods	
Packages	5, 10 or 20 kg plastic pails	Consumption	1.4–2 kg/m ² With reinforcement of 60-80 g/m ² : + 0,5 kg/m ²
Colour	White	Drying time	Roughly 4 hours (see technical data sheet for further information)
Precautions	<p>Apply the product at ambient temperatures between +5°C and +35°C. Avoid applying in conditions of fog, rain, frost or extreme heat and cold. On surfaces exceeding 10 m² or on supports subject to stress, we recommend adding a suitable reinforcement to General Ecoliquid White Fiber.</p>		

* Test report of the Department of Mechanical and Civil Engineering – University of Modena and Reggio Emilia.



TREATABLE SURFACES



- Cement-based
- Plasterboard
- Metal
- Wood
- Ceramic paving
- Fibre cement
- Prefabricated membranes
- Liquid membranes

STRENGTHS

Product not subject to transport restrictions.
For further information: tecnico@generalmembrane.com



Certified high reflectance



Excellent heat-insulating properties



Can be applied horizontally and vertically



High resistance to foot traffic

GENERAL ECOLIQUIDA

WATER-BASED COLOURED ACRYLIC ELASTOMERIC LIQUID MEMBRANE



CHARACTERISTICS



Description	Elastomeric liquid waterproofing membrane in aqueous dispersion formulated with modified and elastomer-modified acrylic copolymers, inert fillers, colouring pigments, suspended particles, thickening agents and additives. Forms a strong and elastic film that adheres perfectly. Excellent resistance to atmospheric agents, ultraviolet rays, acid rain, ageing and potential micro-cracks that may form on the underlying surface. High permeability to water vapour. Ready to use. <i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i>		
Storage	 	Application methods	   
Packages	5, 10 or 20 kg plastic pails 250 kg iron drums	Consumption	1.0–1.5 kg/m ² With reinforcement of 60-80 g/m ² : + 0,5 kg/m ²
Colour	     Green Grey White Red Beige	Drying time	Roughly 4 hours (see technical data sheet for further information)
Precautions	Apply the product at ambient temperatures not below +5°C. Avoid applying in conditions of fog, rain, frost or extreme heat and cold. To improve its mechanical properties, the product can be reinforced between successive coats with fibreglass or polyester non-woven fabric.		

TREATABLE SURFACES



- Cement-based
- Plasterboard
- Metal
- Wood
- Ceramic paving
- Fibre cement
- Prefabricated membranes
- Liquid membranes
- Glass

STRENGTHS

Product not subject to transport restrictions.
For further information: tecnico@generalmembrane.com



Can be applied horizontally and vertically



Can also be used as a primer if diluted



TYPE OF TEST	REFERENCE STANDARD	GENERAL ECOLIQUID SUPER	GENERAL ECOLIQUID Q-FLEX	GENERAL ECOLIQUID ALU	GENERAL ECOLIQUID FIBER	GENERAL ECOLIQUID WHITE FIBER	GENERAL ECOLIQUIDA
Appearance		Thixotropic paste	Thixotropic paste	Thixotropic paste	Fluid thixotropic paste	Fluid thixotropic paste	Fluid thixotropic paste
Specific weight at 20°C	EN ISO 2811-1	1.21 kg/l ± 0.04	1.35 kg/l ± 0,05	1.28 kg/l ± 0,04	1.35 kg/l ± 0,05	1.50 kg/l ± 0,05	1.45 kg/l ± 0.04
Dry residue at 130°C	EN ISO 3251	53%–59%	66%–74%	45%–51%	64%–71%	63%–71%	62%–68%
Dust-free drying *		4 hours	6 hours	6 hours	4 hours	4 hours	4 hours
Full drying time *		24–48 hours	24 hours	24–48 hours	24 hours	24 hours	48 hours
Brookfield viscosity at 20°C, impeller no. 5, 10 rpm	EN ISO 3219	700 P ± 140	30,000 cP ± 6,000	7,500 cP ± 1,500	50,000 cP ± 10,000	24,000 cP ± 5,000	24,000 cP ± 4,000
Closed cup flash point		Non flammable					
Shelf life in closed original container		12 months					
Permeability to CO ₂	EN 1062-6	S _d > 50 m					
Permeability to water vapour	EN ISO 7783	Class I - S _d < 5 m	Class I - S _d < 5 m	Class I - S _d < 5 m	Class I - S _d < 5 m	Class I - S _d < 5 m	Class I - S _d < 5 m
Capillary absorption and permeability to water	EN 1062-3	W < 0.1 kg/m ² /h ^{0.5}					
Adhesion strength against direct traction	EN 1542	≥ 1 N/mm ²					
Solar Reflectance Index (SRI) **	ASTM E-1980	-	-	-	-	108%	-
Thermal emissivity (E) **	ASTM E-903	-	-	-	-	91%	-
Solar reflectance (R) **	ASTM C-1371	-	-	-	-	85%	-
Surface temperature **		-	-	-	-	41.7°C	-

* Values recorded with a temperature of 23°C and 50% humidity. The data shown may vary in relation to the thickness of the applied product and the site-specific conditions: temperature, humidity, ventilation, absorbency of the support.

** Test report of the Department of Mechanical and Civil Engineering – University of Modena and Reggio Emilia.

Products not subject to transport restrictions.

For further information: tecnico@generalmembrane.com

ADHESION PROMOTER

GENERAL ECOPRIMER

WATER-BASED FIXATIVE BITUMINOUS PRIMER FOR WATERPROOF BITUMINOUS MEMBRANES



CHARACTERISTICS



Description	<p>Ready-to-use bituminous primer consisting of bitumen in aqueous emulsion and additives, used as a base coat for blocking dust and concrete pores, ensuring rapid laying of the polymer-bitumen membrane. Characterised by a lack of stickiness, good penetration in the support and water-based formulation. Particularly suited to waterproofing works in inhabited areas, where solvent-based products are inadvisable.</p> <p><i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i></p>		
Storage		Application methods	
Packages	10 or 20 l metal pails; 190 l iron drums	Consumption	100–200 g/m ²
Colour	Black when dry	Drying time	Roughly 30–60 minutes (see technical data sheet for further information)
Precautions	Avoid applying on cold and humid days or in case of imminent rain: being a water-based product, it will wash off.		

TREATABLE SURFACES



- Cement-based
- Fibre cement
- Metal
- Wood
- Liquid membranes
- Prefabricated membranes

STRENGTHS

Product not subject to transport restrictions.
For further information: tecnico@generalmembrane.com



Excellent adhesion also on slightly damp cement-based surfaces



Non-sticky



Can be applied horizontally and vertically

PROTECTIVE PAINTS

GENERAL REFLECT PAINT PLUS

WATER-BASED CERTIFIED HIGH-REFLECTANCE WHITE CERAMIC PAINT



CHARACTERISTICS



Description	<p>Special white water-based ceramic paint in aqueous dispersion, containing nano-technological additives with certified ultra-high reflective power: SRI 103%. Formulated for prolonging the duration of bituminous membranes, it reduces the temperature of the outer surface, limiting the so-called “heat island effect” and guaranteeing excellent thermal insulation, which ultimately reduces energy costs. The lower thermal regime and reflected light increase the efficiency of any installed photovoltaic panels. Features excellent grip on both new and existing bituminous membranes. <i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i></p>		
Storage		Application methods	
Packages	20 kg plastic pails	Consumption	200–300 g/m ² on smooth aged membranes; 450–650 g/m ² on slated membranes
Colour	White	Drying time	Roughly 30–60 minutes (see technical data sheet for further information)
Precautions	Apply the product at ambient temperatures between 10°C and 35°C. Avoid applying in conditions of fog, rain, frost or extreme heat and cold.		

* Test report of the Department of Mechanical and Civil Engineering – University of Modena and Reggio Emilia.

TREATABLE SURFACES



- Cement-based
- Plasterboard
- Metal
- Wood
- Ceramic paving
- Fibre cement
- Prefabricated membranes
- Liquid membranes
- Glass
- Plaster

STRENGTHS

Product not subject to transport restrictions.
 For further information: tecnico@generalmembrane.com



Can be applied horizontally and vertically



Excellent heat-insulating properties



Does not yellow



Certified high reflectance

GENERAL VERNICE ECO ALU

WATER-BASED ALUMINIUM PAINT



CHARACTERISTICS



Description	Water-based protective paint with aluminium pigments, vinyl copolymers and additives, formulated to protect and decorate new and existing polymer-bitumen membranes. It forms a glossy silvery film that reflects the sun's rays, considerably enhancing the surface's thermal insulation properties. It does not drip at high temperatures and is sufficiently elastic to accompany the movements and expansion of polymer-bitumen membranes subject to the most severe temperature variations. Ready to use. <i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i>		
Storage		Application methods	<p>Spread the product in a single direction when applying multiple coats.</p>
Packages	5, 10 or 20 kg metal pails	Consumption	200–300 g/m ²
Colour	Aluminium	Drying time	Roughly 2–3 hours (see technical data sheet for further information)
Precautions	To optimally preserve the coating, we recommend applying the paint roughly every 5 years. Avoid applying in conditions of fog, rain, frost or extreme heat and cold. Do not apply at temperatures below 5°C. Clean the tools with water, synthetic solvents or nitro solvents.		



TREATABLE SURFACES



- Cement-based
- Plasterboard
- Metal
- Wood
- Ceramic paving
- Fibre cement
- Prefabricated membranes
- Liquid membranes
- Glass
- Plaster

STRENGTHS

Product not subject to transport restrictions.
For further information: tecnico@generalmembrane.com



Excellent heat-insulating properties



Withstands severe temperature variations and membrane expansion



Enhances photovoltaic panel efficiency

GENERAL VERACRILICA



CHARACTERISTICS



Description	Water-based protective paint in aqueous dispersion formulated with elastomer-modified acrylic copolymers, inert fillers, colouring pigments, suspended particles, thickening agents and additives. It features excellent reflective power and withstands acid rain. It forms a strong and elastic film that adheres perfectly to bituminous membranes, guaranteeing effective protection against UV rays and atmospheric agents. <i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i>		
Storage	 	Application methods	   
Packages	10 or 25 kg plastic pails	Consumption	400 g/m ² on smooth aged membranes 700 g/m ² on slated membranes
Colour	    Green Grey White Red	Drying time	Roughly 4 hours (see technical data sheet for further information)
Precautions	Apply at ambient temperatures above +10°C. Avoid applying in conditions of fog, rain, frost or extreme heat and cold. Do not apply on gently sloping surfaces with evident signs of waterlogging. If insulation packages are present, the surface should be refurbished more rapidly. Wash the tools with water or turpentine.		

TREATABLE SURFACES



- ✓ Cement-based ✓ Wood ✓ Metal ✓ Fibre cement ✓ Liquid membranes ✓ Prefabricated membranes
- ✓ Plasterboard ✓ Plaster ✓ Ceramic paving ✓ Glass



GENERAL FONDO

CHARACTERISTICS



Description	Water-based cold-mix asphalt in paste, consisting of bitumen emulsions, thixotropic fillers, emulsifiers, bentonites, inert fillers and water. Suitable for waterproofing foundations and protective walls, it offers good resistance to saline solutions. Ready to use. <i>Solvent-free: non-toxic, odourless and non-flammable, to safeguard personal health and the environment.</i>		
Storage	 	Application methods	  
Packages	10 kg plastic pails 20 kg metal pails	Consumption	0.8–1.2 kg/m ²
Colour	 Black (when dry)	Drying time	Roughly 90–120 minutes
Precautions	Apply at ambient temperatures above +5°C. If left exposed, the dry film must be protected with reflective paints (General Vernice Alu) or water-based coloured decorative paints (General Veracrilica).		

TREATABLE SURFACES



- ✓ Cement-based ✓ Wood ✓ Fibre cement

GENERAL ECOPRIMER: TECHNICAL DATA



TEST DESCRIPTION	REFERENCE STANDARD	GENERAL ECOPRIMER
Appearance		Liquid
Colour		Brown (black when dry)
Shelf life in closed original container		12 months
Dry residue at 130°C	EN ISO 3251	23%–27%
DIN 53211 viscosity nozzle diameter 4 at 20 °C		18–24 seconds
Specific weight at 20°C	EN ISO 2811-1	1.00 kg/l ± 0.03
Drying time		30–60 minutes *
Flash point		Non-flammable
pH at 20°C		8–11

* Values recorded with a temperature of 23°C and 50% humidity. The data shown may vary in relation to the thickness of the applied product and the site-specific conditions: temperature, humidity, ventilation, absorbency of the support.

Product not subject to transport restrictions.

For further information: tecnico@generalmembrane.com

PROTECTIVE PAINTS: TECHNICAL DATA



TEST DESCRIPTION	REFERENCE STANDARD	GENERAL REFLECT PAINT PLUS	GENERAL VERNICE ECO ALU	GENERAL VERACRILICA
Appearance		Fluid thixotropic paste	Liquid	Dense liquid
Colour		White	Aluminium	Optional
Shelf life in closed original container		12 months	12 months	12 months
Dry residue at 130 °C	EN ISO 3251	66%–72%	20%–22%	54%–60%
Brookfield viscosity 20°C (impeller no. 5, 10 rpm)	EN ISO 3219	6,000 cP ± 1,200	25–35 seconds	5,500 cP ± 1,100
Specific weight at 20°C	EN ISO 2811-1	1.50 kg/l ± 0.05	1.10 kg/l ± 0.03	1.44 kg/l ± 0.04
Drying time *		30–60 minutes	2–3 hours	90–120 minutes
Flash point		Non-flammable	Non-flammable	Non-flammable
Solar Reflectance Index (SRI) **	ASTM E-1980	103%	-	-
Thermal emissivity (E) **	ASTM E-903	92%	-	-
Solar reflectance (R) **	ASTM C-1371	82%	-	-
Surface temperature **		43.4°C	-	-

* Values recorded with a temperature of 23°C and 50% humidity. The data shown may vary in relation to the thickness of the applied product and the site-specific conditions: temperature, humidity, ventilation, absorbency of the support.

** Test report of the Department of Mechanical and Civil Engineering – University of Modena and Reggio Emilia.

Product not subject to transport restrictions.

For further information: tecnico@generalmembrane.com



TEST DESCRIPTION	REFERENCE STANDARD	GENERAL FONDO
Appearance	Method	Pasty liquid
Colour		Dark brown
pH at 20°C		8–11
Specific weight at 20°C	EN ISO 2811-1	1.23–1.33 kg/l
Dry residue at 130°C	EN ISO 3251	45%–49%
Brookfield viscosity impeller no. 5, 10 rpm at 20°C	EN ISO 3219	16,000–20,000 rpm
Dust-free drying time at 20°C		90–120 minutes *
Full drying time		12 hours *
Closed cup flash point	EN ISO 3219	Non-flammable
Shelf life in closed original container		12 months
Permeability to CO ₂	EN 1062-6	Sd > 50 m
Permeability to water vapour	EN ISO 7783	Class I – Sd < 5 m
Capillary absorption and permeability to water	EN 1062-3	W < 0.1 kg/m ² /h ^{0.5}
Adhesion strength against direct traction	EN 1542	> 1 N/mm ²

* Values recorded with a temperature of 23°C and 50% humidity. The data shown may vary in relation to the thickness of the applied product and the site-specific conditions: temperature, humidity, ventilation, absorbency of the support.

Product not subject to transport restrictions.

For further information: tecnico@generalmembrane.com



The “heat island effect” is a phenomenon caused by overheating of urban areas under the action of sunlight.

PROBLEMS CAUSED

- Increase in the instantaneous energy absorption
- Higher energy costs for cooling
- Increase in the levels of pollutant emissions

POSSIBLE SOLUTIONS

- Creation of hanging gardens and green facades on buildings
- Natural cooling of large paved surfaces and terraces
- Cooling of building coverings through **reflective materials**

THE REFLECTIVE TECHNOLOGY

Let's stop water and reflect sunlight. This is the goal of the **REFLECT SYSTEM** developed by the General Membrane Research & Development Department to mitigate the **heat island effect** and prolong the useful life of coverings, by lowering their operating temperature.

This system includes the following elements:

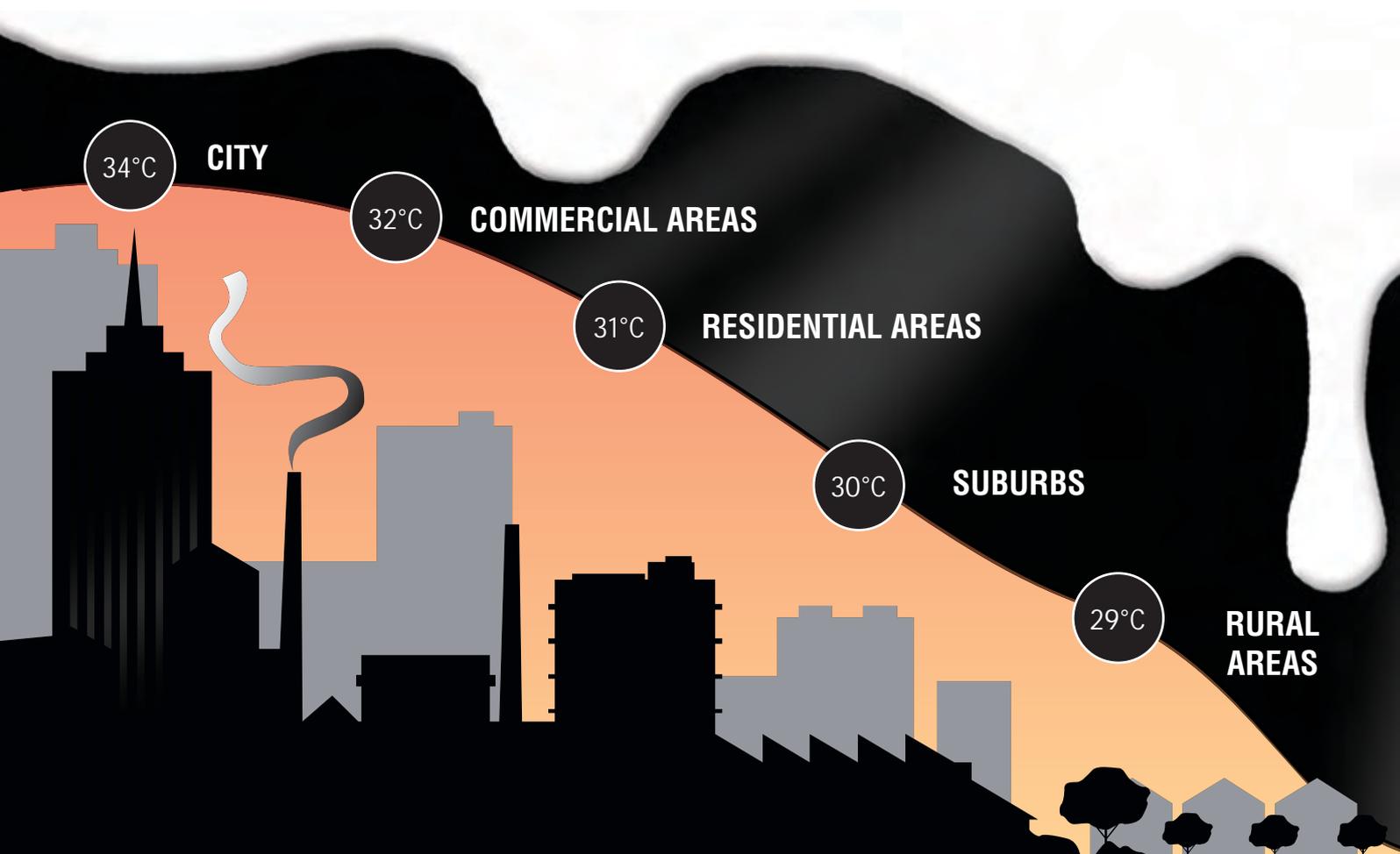
- the **General Ecoliquid White Fiber, General Reflect Paint Plus, General Reflect Paint Sol** liquid products;
- the **Reflect Protection** white mineral coatings for prefabricated membranes.

The reflectance of **General Reflect Paint** products satisfies the specific requirements of coverings fitted with photovoltaic systems, enhancing the efficiency on the latter in terms of energy performance:

the lower operating temperature of the covering helps to improve the conditions for the production of clean energy through the photovoltaic systems installed.

Having passed the solar reflectance, thermal emissivity and Solar Reflectance Index tests, the **REFLECT SYSTEM** guarantees:

- **Improved protection against induced ageing and full exposure to atmospheric agents;**
- **Longer durability;**
- **Aesthetically pleasing architectural quality of the covering.**



Graphic representation of the “HEAT ISLAND EFFECT”



THE OTHER LIQUIDS

SOLVENT-BASED WATERPROOFING SOLUTIONS



The products of the range:

▶ GENERAL BITULIQUIDA

GENERAL VERNICE ALU ◀

GENERAL REFLECT PAINT SOL ◀

▶ GENERAL SPECIAL PRIMER

▶ GENERAL RAPID PRIMER

GENERAL GLUE and GLUE INV ◀

▶ GENERAL BRIDGE PRIMER

GENERAL GLUE HV and GLUE HV INV ◀

GENERAL STICK ◀



GENERAL BITULIQUIDA



CHARACTERISTICS



Description	Cold-applied elastomeric-bitumen liquid membrane in solvent formulated with bitumen, aromatic hydrocarbons, inert fillers, elastomer resins, plasticisers and additives. It appears like an easily workable paste, which can be applied both horizontally and vertically. It forms a strong, elastic and waterproof film. Compared to bituminous emulsions, it has a lower drying time, good resistance to waterlogging and can also be applied during winter. Ready to use.		
Storage	 	Application methods	
Packages	5, 10 or 20 kg metal pails 200 kg iron drums	Consumption	0.4–0.5 kg/m ² With reinforcement: + 0,5 kg/m ²
Colour	Black	Drying time	Roughly 90–120 minutes (see technical data sheet for further information)
Precautions	Not suitable for surfaces subject to rising damp or strong water pressure. Do not use in non-ventilated environments. Do not apply during the hottest time of the day, with dew or fog and in case of imminent rain. On surfaces > 10 m ² or on supports subject to stress, we recommend adding a suitable reinforcement. If the waterproofing layer is left exposed, the surface should be coated over with suitable protective agents. Wash the tools using common synthetic thinners or nitro thinners.		

TREATABLE SURFACES



- ✓ Cement-based ✓ Wood ✓ Metal ✓ Fibre cement ✓ Liquid membranes ✓ Prefabricated membranes
- ✓ Plasterboard ✓ Ceramic paving ✓ Glass



GENERAL SPECIAL PRIMER

CHARACTERISTICS



Description	Bituminous solution formulated with bitumens and rapid-drying pure organic solvents, free of chlorinated solvents. Featuring excellent penetration, adhesion to the support and lack of surface stickiness, it can be used as a base coat to treat dusty and porous surfaces, facilitate the hot or cold application of bituminous membranes, as a waterproofing paint on foundations, as a fixative primer to consolidate cement, metal and wooden surfaces, and as a waterproofing paint for buried and exposed piping and tanks. Ready to use.		
Storage	 	Application methods	
Packages	20 l metal pails	Consumption	200–350 g/m ²
Colour	Black (when dry)	Drying time	Roughly 5–15 minutes (see technical data sheet for further information)
Precautions	Do not use in non-ventilated environments. Wash the tools using common synthetic thinners or nitro thinners.		

TREATABLE SURFACES



- ✓ Cement-based ✓ Wood ✓ Metal ✓ Fibre cement ✓ Liquid membranes ✓ Prefabricated membranes
- ✓ Plasterboard ✓ Ceramic paving ✓ Glass



GENERAL RAPID PRIMER

CHARACTERISTICS



Description	Bituminous solution formulated with bitumens and rapid-drying selected organic solvents. Featuring excellent penetration, adhesion to the support and lack of surface stickiness, it can be used as a base coat to treat dusty and porous surfaces, facilitate the hot or cold application of bituminous membranes, as a waterproofing paint on foundations, as a fixative primer to consolidate cement, metal and wooden surfaces, and as a waterproofing paint for buried and exposed piping and tanks. Ready to use.		
Storage	  	Application methods	   
Packages	5, 10 or 20 l metal pails 200 l iron drums 1,000 l tanks	Consumption	100 – 200 g/m ²
Colour	 Black	Drying time	Roughly 30–60 minutes (see technical data sheet for further information)
Precautions	Do not use in non-ventilated environments. Wash the tools using common synthetic thinners or nitro thinners.		

TREATABLE SURFACES



- ✓ Cement-based
- ✓ Wood
- ✓ Metal
- ✓ Fibre cement
- ✓ Liquid membranes
- ✓ Prefabricated membranes
- ✓ Plasterboard
- ✓ Ceramic paving
- ✓ Glass

GENERAL BRIDGE PRIMER

CHARACTERISTICS



Description	Adhesion promoter formulated with bitumen, elastomer resins and rapid-drying pure organic solvents. Suitable for preparing surfaces both for torch-applied standard bituminous membranes and cold-applied self-adhesive membranes thanks to its high elasticity and adhesion to the cement-based support. Particularly suited to treating flyovers and concrete bridges, it can also be used to prepare metal surfaces, old bituminous membranes and wooden surfaces, as well as for waterproofing walls of concrete foundations. Ready to use.		
Storage	  	Application methods	  
Packages	10 or 20 l metal pails	Consumption	350–500 g/m ²
Colour	 Black (when dry)	Drying time	Roughly 15–30 minutes (see technical data sheet for further information)
Precautions	Do not use in non-ventilated environments. Wash the tools using common synthetic thinners or nitro thinners.		

TREATABLE SURFACES



- ✓ Cement-based
- ✓ Wood
- ✓ Metal
- ✓ Fibre cement
- ✓ Liquid membranes
- ✓ Prefabricated membranes
- ✓ Plasterboard
- ✓ Ceramic paving
- ✓ Glass

GENERAL VERNICE ALU



CHARACTERISTICS



Description	Solvent-based bituminous paint with aluminium, used to protect and decorate new and existing polymer-bitumen membranes, to which it bestows a glossy silvery effect. It forms a film that reflects the sun's rays, considerably enhancing the thermal insulation properties of the treated surfaces. It does not drip at high temperatures and is sufficiently elastic to accompany the movements and expansion of polymer-bitumen membranes subject to the most severe temperature variations. It can be applied immediately after laying bituminous products. Ready to use.		
Storage		Application methods	
Packages	5, 10 or 20 l metal pails	Consumption	300 – 400 g/m ²
Colour	Silver	Drying time	Roughly 30–60 minutes (see technical data sheet for further information)
Precautions	Wait 6 months before applying the product on hot-applied bituminous products; wait 3 months for cold-applied bituminous products. To optimally preserve the coating, we recommend applying the paint roughly every 5 years. Wash the tools using common synthetic thinners or nitro thinners.		

TREATABLE SURFACES



- ✓ Cement-based
- ✓ Wood
- ✓ Metal
- ✓ Fibre cement
- ✓ Liquid membranes
- ✓ Prefabricated membranes
- ✓ Plasterboard
- ✓ Ceramic paving
- ✓ Glass



GENERAL REFLECT PAINT SOL

CHARACTERISTICS



Description	A solvent-based protective and decorative paint formulated with special solvent-based thermoplastic resins, inert fillers, pigments, anti-mould and anti-algae agents and additives, with certified* high reflective power: SRI 103% . Formulated for extending the duration of polymer-bitumen and liquid membranes, it forms a barrier with high emissivity and reflectance of the sun's rays: it mitigates the "heat island effect", guaranteeing excellent thermal insulation and energy saving. Improves the efficiency of photovoltaic panels. Ready to use.		
Storage		Application methods	
Packages	20 l plastic pails	Consumption	0.3 kg/m ² (0.6 kg/m ²) on slated membranes
Colour	White	Drying time	Roughly 30–60 minutes (see technical data sheet for further information)
Precautions	Apply in open, aerated environments far from open flames and sources of heat. Wait 6 months before applying the product on hot-applied bituminous products; wait 3 months for cold-applied bituminous products. Wash the tools using common synthetic thinners or nitro thinners.		

* Test report of the Department of Mechanical and Civil Engineering – University of Modena and Reggio Emilia.

TREATABLE SURFACES



- ✓ Cement-based
- ✓ Wood
- ✓ Metal
- ✓ Fibre cement
- ✓ Liquid membranes
- ✓ Prefabricated membranes
- ✓ Plasterboard
- ✓ Ceramic paving
- ✓ Glass



GENERAL GLUE and GLUE INV

CHARACTERISTICS



Description	Bituminous cold glue formulated with bitumen, hydrocarbons, inert fillers, plasticisers and additives. An easily workable paste to be applied on horizontal surfaces (5% maximum slope), suitable when torch-based application is forbidden or in case of combustible supports. It is highly appropriate for cold gluing of double-reinforced plastomer-polymer bitumen membranes, including existing membranes. It forms an additional waterproof layer that reduces the consequences of potential cracking of the support. Ready to use.		
Storage		Application methods	
Packages	25 kg metal pails 250 kg iron drums	Consumption	1 Kg/m ² (see technical data sheet for further information)
Colour	● Black		
Precautions	In case of ambient temperatures below +10°C, the product should be warmed in a bain-marie; it is nonetheless preferable to use General Glue Inv . For slopes exceeding 5%, the gluing must be integrated with mechanical fastenings. Wash the tools using common synthetic thinners or nitro thinners.		

TREATABLE SURFACES



- ✓ Cement-based
- ✓ Wood
- ✓ Metal
- ✓ Fibre cement
- ✓ Liquid membranes
- ✓ Prefabricated membranes
- ✓ Ceramic paving
- ✓ Glass

GENERAL GLUE HV and GLUE HV INV



CHARACTERISTICS



Description	Bituminous binder formulated with hydrocarbon resins, elastomers, bitumen, solvents, inert fillers and aliphatic hydrocarbons for cold gluing of insulating panels on concrete, wood, metal and polymer-bitumen membranes, to be applied on horizontal surfaces (5% maximum slope). Ready to use.		
Storage		Application methods	
Packages	25 kg metal pails; 250 kg iron drums	Consumption	Laying in strips (4 per m ²): 650–850 g/m ² Point laying (10 per m ²): 50–80 g per point
Colour	● Black		
Precautions	Apply at ambient temperatures above +5°C. For slopes exceeding 5%, the gluing must be integrated with mechanical fastenings. Do not use for gluing insulating panels on insulating panels. Wash the tools using common synthetic thinners or nitro thinners.		

TREATABLE SURFACES



- ✓ Cement-based
- ✓ Wood
- ✓ Metal
- ✓ Fibre cement
- ✓ Liquid membranes
- ✓ Prefabricated membranes
- ✓ Plasterboard
- ✓ Ceramic paving
- ✓ Glass

GENERAL STICK

CHARACTERISTICS



Description	Solvent-based bituminous elastic sealing adhesive formulated with bitumen, inert fillers, elastomer resins, plasticisers, additives and solvents for the cold application of special bituminous membranes and roof shingles. When applied between the overlaps, it guarantees perfect cold bonding. Suitable for rapid interventions for localised repairs on old polymer-bitumen membranes, vertical sealing between membranes and concrete or sealing of chimney pots, skylights, TPE aerators, joints, antenna poles and flashings. Ready to use.		
Storage	  	Application methods	 Specific methods for manual or mechanical spray guns
Packages	280 ml cartridges (25-piece boxes)	Consumption	0.8 kg/m ²
Colour	 Black		
Precautions	Do not use for gluing insulation packages consisting of polyurethane and polystyrene materials due to the presence of aromatic solvents, which can rapidly deteriorate the panels. Wash the tools using common synthetic thinners or nitro thinners.		

TREATABLE SURFACES



- ✓ Cement-based
- ✓ Wood
- ✓ Metal
- ✓ Fibre cement
- ✓ Liquid membranes
- ✓ Prefabricated membranes
- ✓ Plasterboard
- ✓ Ceramic paving
- ✓ Glass

GENERAL BITULIQUIDA: TECHNICAL DATA



TEST DESCRIPTION	REFERENCE STANDARD	GENERAL BITULIQUIDA
Appearance	Method	Black liquid
Density at 20°C in kg/l	EN ISO 2811-1	1.03 kg/l ± 0.03
Dry residue at 130°C	EN ISO 3251	61%–67%
Drying time at 20°C		90–120 minutes *
Deep drying time at 20°C		24 hours*
Breaking strength at 23°C		7–10 kg/cm ²
Breaking elongation at 23°C		800%–1,200%
Flexibility at –15°C		Passed
Brookfield viscosity at 25°C, impeller no. 5, 10 rpm	EN ISO 3219	3,700 cP ± 700
Closed cup flash point		< 23°C
Shelf life in closed original container		12 months
Permeability to CO ₂	EN 1062-6	Sd > 50 m
Permeability to water vapour	EN ISO 7783	Class I – Sd < 5 m
Capillary absorption and permeability to water	EN 1062-3	W < 0.1 kg/m ² /h ^{0.5}
Adhesion strength against direct traction	EN 1542	> 1 N/mm ²
VOC content		< 400 g/l

PRIMERS: TECHNICAL DATA



TEST DESCRIPTION	REFERENCE STANDARD	GENERAL SPECIAL PRIMER	GENERAL RAPID PRIMER	GENERAL BRIDGE PRIMER
Appearance	Method	Black liquid	Black liquid	Black liquid
Specific weight at 20°C	EN ISO 2811-1	0.94 kg/l ± 0.03	0.93 kg/l ± 0.03%	0.95 kg/l ± 0.04
Dry residue at 130°C	EN ISO 3251	47%–53%	38%–42%	51%–57%
DIN 53211 viscosity at 20°C		13–19 seconds	11–15 seconds	19–25 seconds
Fraass breaking point of oxidised bitumen		–10°C	–10°C	–12°C
Dow penetration at 25°C of bitumen		15 / 25 dmm	10 / 20 dmm	15 / 20 dmm
Ring and ball softening point of bitumen		90°C–100°C	90°C–100°C	85°C–95°C
Closed cup flash point		< 23°C	< 23°C	< 23°C
Auto-flammability		> 200°C	> 200°C	245°C
pH at 20°C		Neutral	Neutral	Neutral
Dust-free drying time *		5–15 minutes	30–60 minutes	15–30 minutes
Shelf life in closed original container *		24 months	24 months	24 months

* Values recorded with a temperature of 23°C and 50% humidity. The data shown may vary in relation to the thickness of the applied product and the site-specific conditions: temperature, humidity, ventilation, absorbency of the support.



TEST DESCRIPTION	REFERENCE STANDARD	GENERAL VERNICE ALU	GENERAL EFLECT PAINT SOL
Appearance		Liquid	Dense liquid
Colour		Silvery	White
Specific weight at 20°C in kg/l	EN ISO 2188-1	1.07 kg/l ± 0.03	1.27 kg/l ± 0.04
Behaviour under artificial ageing QUV test (1,000 hours) *	EN 1297	-	Slight yellowing
Dust-free drying time		100–120 minutes *	30–60 minutes *
Closed cup flash point		> 23°C	> 23°C
Shelf life in closed original container		24 months	24 months
Appearance after gloss application at 60°C		-	Matt white
Dry residue at 130°C	EN ISO 3251	52%–58%	60%–68%
DIN 4 viscosity at 25°C	EN ISO 2431	22–30 seconds	100–130 seconds
Permeability to CO ₂	EN 1062-6	-	S _d > 50 m
Permeability to water vapour	EN ISO 7783	-	Class I – S _d < 50 m
Capillary absorption and permeability to water	EN 1062-3	-	W < 0.1 kg/m ² /h ^{0.5}
Adhesion strength against direct traction	EN 1542	-	> 1 N/mm ²
Solar reflectance (R) **	ASTM C-1371	-	82%
Thermal emissivity (E) **	ASTM E-903	-	90%
Solar Reflectance Index (SRI) **	ASTM E-1980	-	103%
Surface temperature		-	43.5°C

* Represents an assumed duration of roughly 5–6 years.

** Test report of the Department of Mechanical and Civil Engineering – University of Modena and Reggio Emilia.



TEST DESCRIPTION	REFERENCE STANDARD	GENERAL GLUE and GLUE INV	GENERAL GLUE HV and GLUE HV INV	GENERAL STICK
Appearance		Dense paste	Dense paste	Dense paste
Colour		Black	Black	Black
Specific weight at 20°C in kg/l	EN ISO 2811-1	1.35 kg/l ± 0.04	1.46 kg/l ± 0.04	1.44 kg/l ± 0.04
Dry residue at 130°C	EN ISO 3251	78%–86%	84%–92%	85%–95%
Brookfield viscosity at 5°C, impeller no. 5, 5 rpm	EN ISO 3219	40,000 cP ± 8,000	4,600 P ± 900	9,000 P ± 2,000
Closed cup flash point		> 40°C	> 40°C	> 30°C
Shelf life in closed original container		24 months	24 months	24 months

* Values recorded with a temperature of 23°C and 50% humidity. The data shown may vary in relation to the thickness of the applied product and the site-specific conditions: temperature, humidity, ventilation, absorptency of the support.

Legend of symbols



Store the packages at a temperature above + 5°C



Store the packages at a temperature lower than + 30°C



Store the packages at a temperature lower than + 40°C



Store in a cool place, protected from sunlight



Keep away from heat sources



Applicable with roller



Applicable with brush



Applicable with broom



Applicable with metal squeegee



Applicable with spatula



Applicable with airless

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