



ACRIPLAST ALU

ACRIPLAST ALU is a solvent-based elastomeric liquid bitumen coating with aluminium pigments. Applied over of an initial coat of Acriplast, Acriplast Alu is ideal for use whenever a specific situation makes it difficult to apply prefabricated bitumen membranes.



Guaranteed quality
**UNI EN ISO 9001:2008 and UNI
EN ISO 14001:2004**



*Polyglass is a member of
the Green Building Council*



Adds value!

TECHNICAL DESCRIPTION

ACRIPLAST ALU is a solvent-based elastomeric bitumen coating with aluminium pigments. It is easy to work with and goes on evenly applied on top of the first coat of Acriplast. Once dry, the ACRIPLAST ALU product forms a flexible film that gives structures extremely good weather resistance and, above all, creates a barrier with high UV reflectance. The special formulation and the solvents it contains, make ACRIPLAST ALU a product that can be applied wherever the situation calls for very fast material application and drying times.

WHERE TO APPLY

ACRIPLAST ALU is particularly suitable for use on awkwardly shaped or hard-to-reach structures - such as complex shaped roofs, chimney features and details, guttering, lean-tos, patch jobs on roofing in need of repair - giving a bright, silvery appearance. ACRIPLAST ALU is suitable for sheet metal roofing structures, guttering, valleys, metal garages, chimneys, and ferrous and galvanized substrates in general thanks to its impressive rust-inhibiting properties and resistance to corrosion by soot and chimney smoke. It can be applied in 2 single coats at least 24 hours apart. Applied over an initial coat of ACRIPLAST, ACRIPLAST ALU can also be used for concrete terraces affected by hairline cracking where polymer bitumen membranes are not used as the waterproofing option. ACRIPLAST ALU offers excellent results on existing bitumen coverings of either the unprotected variety or surfaced with mineral chippings, with no need to apply a protective paint as the coating is already pigmented. ACRIPLAST ALU can also be used even in cold climates.

APPLICATION PROCEDURES AND TIPS

ACRIPLAST ALU can be applied by roller, brush or airless spray gun after mixing the product until it is uniformly blended. Surfaces treated with Acriplast that are to be coated with ACRIPLAST ALU must be clean, dry, free of dust and must not have any protrusions. We recommend applying ACRIPLAST ALU in at least two coats, the second of which should be applied on top of the dry film once the first coat has been allowed to dry completely, which will usually take around 24 hours. To improve the mechanical strength of the resulting waterproof coating, we recommend laying a polyester nonwoven fabric weighing 60 g/m², such as POLIESTERE 60, between the initial coat of Acriplast and the first coat of ACRIPLAST ALU. Another coat of ACRIPLAST ALU will be required on top of the nonwoven. The product's consumption rate varies depending on the substrate and on the desired thickness. On average, coverage will be roughly 200-400 g/m² per coat of product. We recommend applying 2 coats of ACRIPLAST ALU. Where the resulting waterproofing is exposed to view, ACRIPLAST ALU does not need to be coated over with protective paints as it already has inherent self-protecting properties and is UV resistant. Exceeding the recommended consumption rate results in longer drying times and can cause bubbles or blistering. The product is resistant to ponding water. We recommend recoating every 3-5 years.

PRODUCT CHARACTERISTICS

APPEARANCE	Liquid	TOUGH DRY AT 20 °C	400-480 minutes
COLOUR	Silver	THROUGH DRY AT 20 °C	24 hours
SPECIFIC WEIGHT AT 20 °C - STANDARD EN ISO 2811-1	1.05 (±0.03) kg/l	BROOKFIELD VISCOSITY AT 20 °C 5 AND 10 RPM - STANDARD EN ISO 3219	5000 (±1000) cP
SOLIDS CONTENT AT 130 °C - STANDARD EN ISO 3251	60 - 66%	FLASH POINT (CLOSED CUP)	>23 °C
CONSUMPTION RATE	200-400 g/m ² per coat depending on the support substrate	STABILITY IN ORIGINAL SEALED TINS	24 months
DUST DRY AT 20 °C	100-120 minutes	APPLICATION TEMPERATURE	+5 °C / +35 °C

 EELab (Energy Efficiency Laboratory) Department of Mechanical and Civil Engineering University of Modena and Reggio-Emilia	SRI SOLAR REFLECTANCE INDEX (6-10 M/S) - ASTM E1980	
	Low wind	51
	Medium wind	65,4
	High wind	73,3
	R SOLAR REFLECTANCE - ASTM E903	67,6%
	E THERMAL EMISSIVITY - ASTM C1371	33,6%

PACKAGING, STORAGE, EQUIPMENT CLEANING

CONTAINERS	5 and 20 kg
STORAGE	Shelf life of product in correctly sealed container, kept in a dry place, out of direct sunlight: 24 months
EQUIPMENT CLEANING	Clean equipment with common solvents after use.

SAFETY REGULATIONS

ACRIPLAST ALU is flammable. It is also harmful by inhalation, may cause lung damage if swallowed, is irritating to skin and may cause skin dryness or cracking. You are advised to wear gloves and safety eyewear during application and to observe usual chemical handling precautions. In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice. In case of insufficient ventilation, you are advised to use a face mask fitted with filters. Do not use around pregnant women. In addition, ACRIPLAST ALU is dangerous to the aquatic environment; you are advised not to release product to the environment. For further, comprehensive information on how to use the product safely, you are advised to refer to the latest version of the Safety Data Sheet.



Adds value!

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PRODUCT FOR PROFESSIONAL USE

Instructions and technical details given herein are correct to the best of our knowledge and experience. Anyone planning to use Acriplast Alu must ensure that it is suitable for the intended purpose. In all cases, the installer is solely responsible for the product's installation and for all consequences arising therefrom. Always refer to the latest up-to-date version of the technical data sheet, which you can find on our site www.polyglass.com. If you have any queries, please contact our Technical Department.

In line with our policy of continuous product development, we reserve the right to make any required changes without prior notice.