

# ISOLAC-BT ALU

## Solar reflective aluminum coating

### Description

ISOLAC-BT ALU is a solar reflective protective material, made from aluminum pigments, special adhesive resins, scented dissolvers and bitumen.

### Fields of application

ISOLAC-BT ALU is used as a reflective coating against sunrays, so it can be used in many cases, especially for the protection of bitumen spreading against the ultraviolet radiation in which presents particularly high reflectivity more than 85%. It can be applied on concrete, on amiantus-concrete, on metal surfaces, wood, glass, stone, polyurethane, etc. It is not suitable for application on polystyrene. It reflects the sunlight so it reduces the temperature. It can also be applied on metal surfaces to protect them against rust. In general, it can be used even as a simple silver-colored dyestuff.

### Technical data

Color:	silver
Odor:	characteristic
Specific gravity:	930-950 g/l
Reflectivity:	average value (85%)
Viscosity:	23 cP (Brookfield, sp.1, 25°C)
Distillation (ASTM D49):	25%-30%
Aromatics content:	65%-75%

### Directions for use

Before its application, it is recommended that the surface is clear and free from rotten materials, dust, oil, lubricants and other waste material. No moisture should exist.

Mix up the material and then it can be brushed or rolled. Do not insist on the spreading very much because the material contains dissolvers that might dissolve the liable bitumen surfaces.

In case the substrate is porous, the application of ISOLAC-BT bituminous varnish is recommended.

### Consumption

The consumption depends on the absorption and structure of the surface: 150-200 g/m<sup>2</sup>/layer.

### Packaging

ISOLAC-BT ALU is available in metal pails of 4 and 17 kg.

### Shelf life – Storage

Do not store the product under high temperatures (>40°C) or keep away from direct sunlight. You can use the product for 2 years from production date. You should agitate the product quite often because due to its great specific weight the aluminum stuff might tag.

### Remarks

The material is classified as dangerous as it contains amounts of flammable organic solvents. Keep away from sparks and flames. Do not smoke. Do not inhale, avoid contact with eyes and mouth, and in case you apply it by airless spray use a mask. Do not apply in closed spaces without adequate air supply. In liquid form the material contaminates the water. Do not pour it on the ground or in water. Always follow the related rules. For additional info, ask the MSDS of this material from the producer.

### Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory i, type SB is 500 g/l (2010) for the ready-to-use product.

The ready-to-use product ISOLAC-BT ALU contains a maximum of 500 g/l VOC.

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