

# AREXOL

## Bituminous Varnish



### USAGE

AREXOL is a two kind of bitumen based waterproofing material, with polyurethane resins dissolved with scented solvents. When the material has its final form, it creates a crust with plastic properties. **AREXOL** is used for protecting metal and concrete constructions that are about to get landfilled or to be in permanent contact with water - even with seawater. Because of its high viscosity, it creates a thick membrane and can be used for affixing asphaltic membranes mainly on vertical concrete surfaces. It can also be used for insulating inclined roofing systems, under roofing tiles and repairing joint gaps of vertical surfaces.

### COMPONENTS

Bitumen and organic solvents.

### APPLICATION

Before its application, it is recommended that the surface is clear and free from rotten materials, dust, oil, lubricants and other waste material. Also, no moisture should exist. This provides a better result in adhesion and penetration. It can be applied with a bristle brush, paint roller or by airless spray. For best results, thin **AREXOL** with 10% w/w of solvent or benzene. It can be applied in two layers. Allow each coat to fully dry (~24h) and then apply in a crossed over manner. The drying time is about 6h after application. Full resistance will be achieved after 48 hours, creating a bituminous coat with no joints and couplings. In case we want to apply **AREXOL** on underground walls, we initially repair rabbets & holes that exist on concrete with Bitumen Mastic AVIP GUM. If the material will remain exposed to sunlight for a long period of time, it is recommended to be protected with bituminous aluminum paint RECTIFLEX. Do not apply **AREXOL** in direct sunlight exposure, or in temperatures close or below 0°C and during rainfall. Protect the fresh applied material from immediate rainfall during curing.

### PACKAGING

**AREXOL** is available in metallic pails of 1, 5 and 18 kg. Drum of 180 kg is available after special request.

### CONSUMPTION

The consumption depends on the amount of the absorption and the structure of the surface. For concrete surfaces 0.8-1.0 kg/m<sup>2</sup> is required and for metal surfaces, 0.5-0.6 kg/m<sup>2</sup> is required.

### STORAGE

Do not store the product under high temperatures (>40°C) or under the sun exposure. You can use the product for two years after its date of production. If the product had been stored for a long time you can thin it out with benzene, if required.

### SAFETY

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 water. Always follow the related rules. For additional info ask the MSDS of this material from the producer.

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### TECHNICAL SPECIFICATION

<b>Description</b>	Bituminous varnish
<b>Color</b>	Black
<b>Odor</b>	Characteristic
Solid Content (ASTM D 41)	75 – 80% w/w
Solvent Content (ASTM D 41)	20 – 25% w/w
Viscosity 25 °C (Brookfield) (ASTM D 2196)	2900 – 3200 cp (sp 3, rpm20)
Specific Weight (ISO 2811)	985±5 gr/l
Adhesion to Concrete (ASTM D 4541)	> 30 kg/cm <sup>2</sup>
Absorption (H <sub>2</sub> O - 10 days)	< 0,7 %

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