

AVIPGLOSS RUBBER

High elasticity anionic bitumen emulsion



USAGE

AVIPGLOSS RUBBER is a single component bituminous coating, based on a blend of bitumen and additives. It is recommended for the most difficult applications and works perfectly in combination with elastomeric bitumen membranes. When cured, it produces excellent adhesion to both cement and metal surfaces and is characterized by its high elasticity, fast drying. Before use, low spin agitation is needed.

It does not contain solvents, does not smell and its low viscosity allows it to be used as an excellent primer in a great range of applications on different surfaces.

It is not affected by low concentration acid and alkaline solutions. **AVIPGLOSS Rubber** is used to protect concrete and steel structures such as: basements, foundations, retaining walls, columns, and vertical surfaces. It creates a waterproof and protective coating for roofs, terraces, and horizontal surfaces. It can be used for the maintenance of bituminous waterproofing systems, as an excellent ecologic primer for special applications in combination with bituminous membranes as well as in repairing old / damaged bituminous applications.

COMPONENTS

Mix of bitumen, special additives emulsifiers, and water.

PACKAGING

AVIPGLOSS Rubber is available in plastic pails of 5 and 17kg. Drums of 220kg or IBCs of 1000kg are available upon request.

TECHNICAL SPECIFICATION

Characteristics	Performance
Color	Dark Brown/black
Odor	Odorless
Appearance	Liquid
Solids Content	> 60 % w/w
Elongation (ASTM D 412)	> 1200%
Melting point (EN 1427)	>120 °C
Viscosity	160 - 180 (sp.4,5 RPM, 25°C)
Density	980-1050 g/lt (ELOT EN ISO 2811)
Service temperature	+5°C to +35°C
Maximum drying time (+25 °C)	24h

Essential Characteristics	Performance	Standard
Permeability to CO2	sD > 50 m	EN 1504-2 : 2004
Permeability to water vapor	5 m ≤ sD ≤ 50 m, class II	
Capillary absorption and permeability to water	w < 0,1 kg/m ² · h0,5	
Adhesion by cross cut test	< GT 2	
Adhesion strength by pull of test	≥ 0,8 Mpa	
Resistance thermal shock	≥ 0,8 Mpa	
Crack bridging ability	>2,500 mm / Class A5	
Reaction to fire	Class E	

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APPLICATION

Before its application, it is recommended that the surface is clear and free from rotten materials, dust, oil, lubricants, and other waste. It can be used either on dry or slightly wet surfaces. Apply at least two crossed coats allowing 24 hours between coats to dry. Application temperature of +5 - +35°C is recommended. **AVIPGLOSS Rubber** can be applied by brush, role, or by air spraying. When we want to achieve simple dye (thin layer) or use it as primer, we can thin out the first coat of AVIPGLOSS Rubber with clean water up to 20% and steering in low spin for 1 minute. After 12-24 hours when it is cured we can apply the second layer with no need of extra dilution.

Do not apply AVIPGLOSS in :

- temperatures under 5°C,
- direct sunlight exposure and
- during rainfall.
- Protect the fresh applied material from immediate rainfall during curing.

SAFETY

The material is not classified as dangerous. In case of contact with eyes and mouth, rinse with plenty of water and be addressed to a doctor by showing the product's label and M.S.D.S. Hands must be cleaned with water and soap after each application. Tools can be cleaned with water when the material is still wet. 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.



CONSUMPTION

The consumption depends on the amount of absorption and the structure of the surface. On cementitious surfaces apply 2 coats of 0,3-0,5 kg/m² each. As a vapor barrier, apply a total of ~0,7 kg/m² and as a priming for bitumen membrane application ~0,6 kg/m².

STORAGE

You can use the product for one year after its date of production. Store in sheltered area, with temperature range of 5-35°C, not under sun exposure. Keep away from ice. Agitate the product with a low spin drill before use.



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