

AVIPAST RUBBER

High Elasticity Bituminous Emulsion



USAGE

AVIPAST Rubber is an elastic, water based bituminous emulsion, in pastry form. It contains asphalt, bonding agents, special additives and water. It has pastry form, it is odorless, it is not flammable and does not contain dangerous solvents. It has exceptional adhesion and when it dries out it creates an elastic layer that prevents the creation of small cracks as well as it covers any capillaries on the surfaces because it can follow the contractions of the substructure. It is appropriate especially for protecting concrete substructures, brick constructions, floors, inclined roofs etc. against moisture and humidity. It is not affected by low concentration acid and alkaline solutions. Also it is suitable for bonding polystyrene sheets into horizontal and vertical surfaces. It is certified by ASTM D 2939/98, ASTM D 95 and ASTM D 227/95 and has been tested for the standards EN 1062-3 (water absorption), EN 1542 (adhesion resistance), EN ISO 7783 (permeability).

COMPONENTS

Mix of bitumen, inert, special additives and emulsifiers and water.

APPLICATION

Clean the surface from dust, oil, lubricants and other waste material. **AVIPAST Rubber** must be applied at least twice on each surface (bedding) – depending the desirable result - in crossed manner even in slightly humid surfaces. Apply by bristle brush, roller or airless spray. For the first layer (primer) thin out **AVIPAST Rubber** with 30-50% of water. Continue onto the next layers (after the previous has dried) either as it is or thin out with 20% of water. For horizontal passable surfaces, **AVIPAST Rubber** can be combined with glass paper or/and burlap, creating an in-situ bitumen fabric without joint gaps. Apply in temperatures of 5-35°C. Do not apply under immediate sun exposure, rain (not even if it is assumed that it is about to rain within 10 hours

of application). Applied **AVIPAST Rubber** should not remain exposed for a long period of time. Protect with reflective paint such as RECTIFLEX.

PACKAGING

AVIPAST Rubber is available in plastic pails of 5 and 18kg. Drums of 220 kg are available upon request.

CONSUMPTION

The consumption depends on the amount of the absorption, the structure of the surface and the desirable result. Typical Consumptions for Vapor Barrier: 0.6-0.8 kg/m² for each coat, apply 2 layers. Foundation Sealing: 1.5-2.5 kg/m² in total multi layers. Vertical Surfaces: Protection of concrete and bricks 0.6-0.8 kg/m² in total. Horizontal surfaces: 2-3 kg/m² in total for sealing and 3-4 kg/m² when using reinforcement.

STORAGE

You can use the product for two years after its date of production, kept in sheltered area, with temperature range of 5-35°C. If the product had been stored for a long time you can thin it out with water, if required.

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

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TECHNICAL SPECIFICATION

Description	High elasticity bitumen emulsion
Colour	Black-Brown
Odor	Light / Odorless
Elongation (ASTM D 412)	≥ 255%
Softening Point (DIN EN 1427)	> 120°C
Flexibility in low temperatures (ASTM D 2939)	No breaking at -10 °C
Water Resistance (3 days) (DIN 1048)	5 atm
Density g/lit (ISO 2811)	1020-1100
Residue after evaporation % (ASTM D 2939)	56-58
Drying time (ASTM D 2939)	< 24h
Elasticity (ASTM D 2939)	Fulfilled
Resistance to heat at 100 °C (ASTM D 2939)	No blistering, sagging or slipping
Volatiles (ASTM D 2939)	43,05% w/w
Ash Content (ASTM D 2939)	15,5% w/w
Water Content (ASTM D 2939)	43,3% w/w
Water absorption (EN 1062-3)	0,07 kg/m ² h
Adhesion (EN 1542)	1,7 N/mm ²
Permeability (EN ISO 7783)	51,3[S _D] (m)

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