FILLRITE RUBBER

Rubber/Bitumen Emulsion Dispersion

Description

Fillrite Rubber is a non-toxic, water based, environmentally friendly one component waterproofing compound. It is formulated with various different polymers including rubber and bitumen to provide its unique properties. Application is by roller, brush or spray.
Key features include extreme flexibility and excellent tensile strength making it suitable to treat surfaces where crack bridging is a requirement.
The unique ingredients result in a film with very low water uptake rendering the underlying surface completely sealed off from water.
Fillrite Rubber may be used in areas where ponding might occur.
Although the product provides good uv resistance we recommend that a pure acrylic roof paint be applied once the waterproofing has been completed to provide extra durability and uv resistance.
For cool roofs we recommend that Fillrite Flexcoat White be applied as a final coat.

Recommended Uses

For waterproofing primed cementitious substrate including flat balconies, parapet walls and basements. Combats efflorescence.
Suitable for waterproofing primed galvanized iron and steel, wood and old bitumen surfaces.
If above mentioned surfaces have not been primed we recommended the following primers :
Cementitious – Fillrite Pigmented Bonding Liquid
Galvanised Iron – Fillrite Acrylic Corrocote
Steel – Fillrite Etch Primer
Wood – Fillrite Super Universal Undercoat
Old Bitumen – Fillrite Keycote

Technical Data

Colour		Dark brown when wet, Black when dry
Viscosity		Thixotropic paste
PH		9.7
S.G.		1.04 kg/l
Adhesion		Excellent to all primed surfaces
Freeze Thaw Stability		Pass
Drying time:	Touch dry	1 hour @ 23°C
	Recoating time	3 hours @ 23°C
	Fully cured	1 week
Impact/Hail resistance		Excellent
Resistance to ponding		Excellent
Shelf life		12 months
Elongation & Recovery @1.5mm dft		1200 % with approx. 85% recovery
Low temperature flexibility		Passes at -10°C
Tensile strength		Excellent
Water uptake	1 day	2.56%
	5 days	8.5 %
Moisture vapour transmission rate		80g/m²/24 hours

Technical data

Mass non volatile	56.82%
Recommended dry film	**Normal waterproofing** : 568 microns dry film thickness, 1lt/m² - 4 coats @ 250 micron wet film thickness each **Challenging surfaces** : 1.134 microns dry film thickness, 2lt/m².

Product may be used with membrane if so desired but with the extreme flexibility and good tensile strength properties this is not required unless there are cracks and gaps exceeding 5 mm.

Cleaning

Clean equipment with water. If cured immerse and clean with Lacquer Thinners

Surface Preparation

Clean, sand and dust Apply proper primers

Application

Brush, Roller or Spray