

EFFISUS EASYREPAIR MEMBRANE

DESCRIPTION

For use on virtually all roofs, Effisus Easyrepair Membrane features an UV stable backing that is available in Black, Gray, Tan, and White.

With the exception of surface preparation, Effisus Easyrepair Membrane is a one-step permanent repair system for virtually all roof types, and roof accessories. Effisus Easyrepair Membrane creates a waterproof, moisture, and air tight barrier, with no additional sealing required. Effisus Easyrepair Membrane remains flexible to temperatures as low as -56°C making it virtually impossible to thermally shock the seam, causing a leak.

Effisus Easyrepair Membrane bonds to a wide range of surfaces including difficult roof materials such as: EPDM, TPO, most PVC, CSPE/Hypalon, glass, CPE, SBS, APP modifieds, asphalt BURs, coal tar BURs, all metal roofs, tiles, shingle, aluminum, Galvanized steel, gypsum board, wood, polyethylene, propylene, polystyrene, fiberglass, brick, concrete, masonry, OSB, etc.

TECHNICAL DATA

Property	Test Method	Results
Adhesion	-	9 kg/ in width
Application temperature	-	66°C to -29°C
Available widths	-	Up to 121.9cm
Colours	-	Black, Gray, Tan, White
Elongation	ASTM D 882	>700% ± 100
Low temperature flexibility	ASTM C765	12.7mm radius at -34°C
Permanence	-	0.001 perms maximum
Pliability	-	No cracks in membrane
Shelf life	-	Up to 5 years
Standard case quantity	-	30.5 m ² per case
Standard roll size	-	5cm, 10cm, 15cm, 20cm e 30cm x 15.2m
Temperature flexibility range	-	-57°C to >+93°C
Tensile break PSI	-	31 (kPa)
Total thickness	-	0.9mm
180° Peel	ASTM D413 @ 23°C (73°F)	5pli
Water vapour test	ASTME 96B	0.005grs/254cm ² /24h/37°C
Watertightness	EN 1928:2000-3 method A	W1
Resistance to peeling	EN 29862:2019-6	MD 19.2N/cm CMD 19.0N/cm

OTHERS

Environmental stress crack resistance (ESCR)

Effisus Easyrepair Membrane was tested in accordance with the standard EN ISO 22088-3:2006-08. The results of the tests proved the ageing resistance of the Effisus Easyrepair Membrane standalone and with a polycarbonate substract sample.

Property	Test Method	Results
ESC test visual defects control specimens	EN ISSO 22088-3:2006-08	no optical defects
ESC test visual defects specimens with membrane	EN ISSO 22088-3:2006-08	no optical defects

Basic Use

Effisus Easyrepair Membrane tape is used to seal roof joints (seams) and tears, flashings, copings, skylights, gutters, etc. Effisus Easyrepair Membrane can be sealed to itself, so it can be cut and folded around an object.

Composition

Effisus Easyrepair Membrane utilizes an innovative and advanced technology based on active sealants, a 100% solids formulation of synthetic resins, thermoplastics and non-curing rubber (non butyl) with a built in primer. It is bonded to an UV stable backing. The adhesive coating is protected by a silicone release liner, to be removed prior to application.

Surface Preparation

The surface must be cleaned with Effisus Cleaner or similar. Remove any dust, debris, oil and grease and other contaminants.

At temperatures below 5°C treat the surface with Effisus Coat SP Primer.

Application

Install Effisus Easyrepair Membrane over the repair area, removing the release liner gradually, to prevent contamination of the adhesive prior to application. Rub or roll with pressure using your hand and a silicone roller to activate bonding process.

Version

V 1.5 – MD – 06/07/2022