

INSTALLATION AND CONSUMPTION – EFFISUS EASYREPAIR MEMBRANE

1. Summary

For use on virtually all roofs, Effisus Easyrepair Membrane features a 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.

2. Usages Scope

In General: Permanent repair sealing system for roofs and facades.

3. Presentation and Product Details

3.1 Effisus Easyrepair Membrane

Waterproofing and UV resistant self-adhesive membrane.

Identification: label with product name, thickness, width and length

Available widths: 50mm, 100mm, 150mm, ..., to 1000mm.

Roll length: 15.25m.

Characteristics: see table.

Technical data	
Adhesion	9 kg
Application temperature	29°C to 66°C
Available widths	Up to 121.9cm
Colours	Black, Gray, Tan, White
Elongation	> 700% ± 100
Low temperature flexibility	12.7mm radius at -34.4°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 and 30cm X 15.2m
Temperature flexibility range	-57°C to >+93°C
Tensile break PSI	31 kPa
Total thickness	0.9mm
Water vapour test (ASTM 96B)	0.005grs/254cm ² /24hrs/37°C

4. Accessories

4.1 Effisus Coat EP Primer

Used to prime porous substrates before the application of the Effisus Easyrepair Membrane.

4.2 Effisus Setup EC Cleaner

Used to clean smooth, non porous, substrates before the application of the Effisus Easyrepair Membrane.

5. Production, marketing and technical solution

Up-Way Systems is the Effisus Easyrepair Membrane and Accessories supplier.

Under industrial control, laboratory testing of the manufactured goods is performed and continuously recorded. This control is subject to external periodic inspection.

6. Installation instructions

6.1 General Guidelines

It is the end user's responsibility to ensure the quality of the installation, by following the installation instructions in this document and by periodically checking the installed materials.

Upon request, Up-Way Systems is available to train working staff.

6.1.1 Storage

The Effisus Easyrepair Membrane rolls and system accessories should be stored on hard, clean and dedicated stand, in a place that can protect them from extreme weather conditions, and be kept within temperatures of 5°C and 20°C.

6.1.2 Installation conditions

The Effisus Easyrepair Membrane should be applied using the accessories mentioned on this document.

The bonding should be made on dry, ungreased, clean and dust free supports. Please use Effisus Setup EC Cleaner to clean these surfaces.

All porous and uneven substrates should be primed with the Effisus Coat EP Primer. Allow the primer to dry completely before the installation of the Effisus Easyrepair Membrane.

Bonding operations can not be carried out at temperatures bellow -29°C. For temperatures between 45°C and -29°C always subcoat the substrate with Effisus Coat EP Primer.

In case of rainfall (rain, snow, intense fog and if any risk of condensation is present), the adhesive setting must be stopped.

6.2 Effisus Easyrepair Membrane Bonding

There must be no less than 2.5cm of Effisus Easyrepair Membrane on each side of a joint.

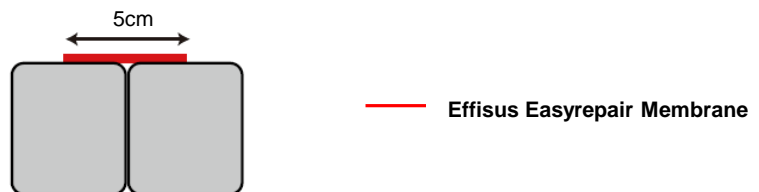


Fig. 1 – Effisus Easyrepair Membrane Bonding

Install Effisus Easyrepair Membrane over the repair area, removing the release liner gradually to prevent contamination of the adhesive prior to application. Roll with pressure using a steel roller to activate bonding process. Apply gently and without tension.

6.3 Particular cases

6.3.1 Moving Joints

If there is lots of movement, apply Effisus 2Bond DS Tape on the joint first. Then, apply the Effisus Easyrepair Membrane.

This combination absorbs movements better than one layer of Effisus Easyrepair Membrane.



Fig. 2 – Moving Joints

6.3.2 Gappy Joints

Gappy joints need to be filled with a non solvent based caulking first, or roll Effisus 2Bond DS Tape into a rope and press it into the gap. Do not use a solvent based sealant which can attack the backing of Effisus Easyrepair Membrane. Then, apply minimum 10cm Effisus Easyrepair Membrane.

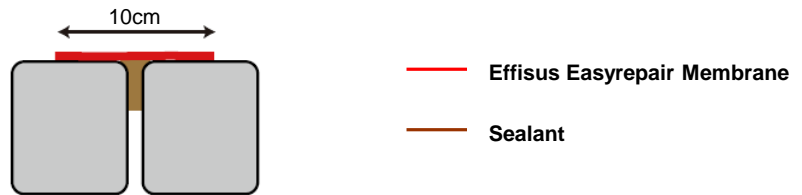


Fig. 3 – Gappy Joints

6.3.3 Corners

Pay attention not to stretch Effisus Easyrepair Membrane and lay it in gently.

Effisus Easyrepair Paint has no memory. So, it requires less expertise to use in these situations.

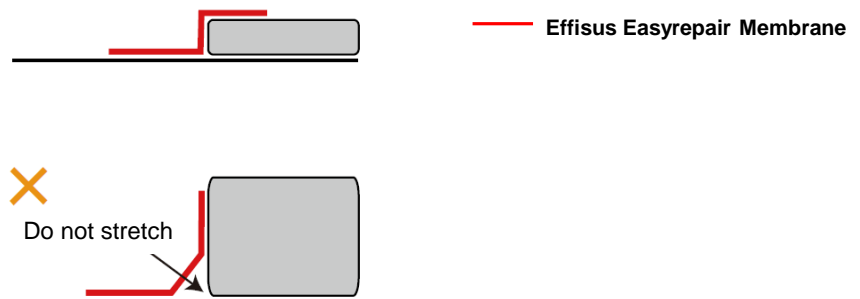


Fig. 4 - Corners

6.4 Overlapping

The overlapping minimum is of 100mm.

7. Repairs

Any repairing should be made using Effisus Easyrepair Membrane and system accessories, under Up-Way Systems' approval.

8. Compatibility

The Effisus Easyrepair Membranes are compatible with the materials used in classical construction, however, if in doubt perform a compatibility test and consult with Up-Way Systems.

Every time that Effisus Easyrepair Membranes are to be used in aggressive atmospheres (ateliers, laboratories, ...) Up-Way Systems must be consulted.

Version

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