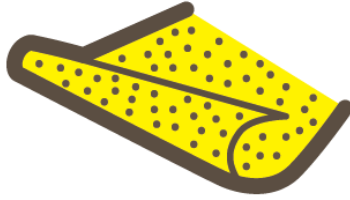


## Weberdry MB 166 SA

Self-adhesive membrane

**Weberdry MB 166 SA** is a self-adhesive membrane that contains a seamless strand polyester non-woven fabric reinforcement stabilized with fiberglass threads. This reinforcement ensures excellent mechanical properties and dimensional stability.



### PRODUCT BENEFITS



**SELF ADHESIVE**



**EASY TO APPLY**



**EXCELLENT ELONGATION**

### USES

Weberdry MB 166 SA is suitable for flat or sloping roofs with wooden planks or heat-sensitive, heat-insulating materials, especially in areas where the use of a naked flame is prohibited. In addition to eliminating flame-related risks, the application of these membranes is simple, clean, and eco friendly, as it does not produce fumes or odours. It can also serve as a vapour barrier.

### ADVANTAGES

- Able to withstand human traffic
- Excellent elongation
- Requires only one layer, reduce roof load
- Puncture resistance

### TECHNICAL DATA & PHYSICAL PROPERTIES

<b>External Fire Performance</b> (EN 13501-5)	<b>Class F Roof</b>
<b>Reaction to Fire</b> (EN 13501-1)	<b>Class F</b>
<b>Maximum Tensile Force</b> (EN 12311-1)	400 N/5cm (Longitudinal), 300 N/5cm (Transversal)
<b>Elongation</b> (EN 12311-1)	35 % (Longitudinal), 35 % (Transversal)
<b>Resistance to Tearing</b> (EN 12310-1)	130 N (Longitudinal), 130N (Transversal)
<b>Resistance to Impact</b> (EN 12691)	700 mm
<b>Resistance to Static Loading</b> (EN 12730-1)	10 kg
<b>Flexibility</b> (EN 1109)	-20 °C
<b>Flow Resistance</b> (EN 1110)	100 °C
<b>Dimensional Stability</b> (EN 1107-1)	± 0.3 %
<b>Adhesion of Granules</b> (EN 12039)	< 30 %
<b>Water Vapour Transmission</b> (EN 1931)	20.000 μ

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# Weberdry MB 166 SA

Self-adhesive membrane

## TECHNICAL DATA & PHYSICAL PROPERTIES

<b>Shear Resistance (Joints)</b> (EN 12317-1)	300/200 N/50mm
<b>Chemical Resistance</b> (EN 13707 All. C)	Tab. C1 & C2

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

## PROCEDURE & APPLICATION



### Surface Preparation

All surfaces must be dry, clean, sound, and free from any laitance, oil, grease, and any contaminants. Ensure that the concrete surface is cured, not less than 14 days. Treat and repair all cracks.



### Primer

Prime the substrate with Weberprim ES 124 or Weberdry Bitu Coat, a bituminous primer. Stir Weberprim ES 124 well before application. Apply Weberprim ES 124 or Weberdry Bitu Coat by brush or roller on the dry surface. Apply 2 coats if the substrate is porous. Allow approx. 1-2 hours for the primer to dry depending on weather conditions.



### Application

Unroll Weberdry MB 166 SA fully onto the floor and begin laying from the low point of the roof or work area to the high point to prevent backwater laps. Align the membrane and to allow side laps tolerance, reroll Weberdry MB 166 SA half of its full length. Allow 100mm lap joints along the roll edges and 120mm at roll ends and transverse joints. Ensure a minimum of 4mm bitumen outflow for watertight integrity at overlaps. The excess compound should be smoothed and press into the seams.

Seal the edges into the grooves and protect with Weberseal PU, polyurethane sealant.

## STORAGE & PACKING

Weberdry MB 166 SA is available in approx. 4 kg/m<sup>2</sup> rolls in 10m length x 1m width. Weberdry MB 166 SA should be stored in a sheltered area protected against sunlight and UV radiation. Rolls should be stored in a vertical position on a smooth floor so as not to damage the edges.

## HEALTH & SAFETY

Do not use open flames near highly combustible materials. Please keep out of reach of children.

\*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain reserves the rights to amend the contents of the data sheet at its sole discretion. (Jul'24)

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