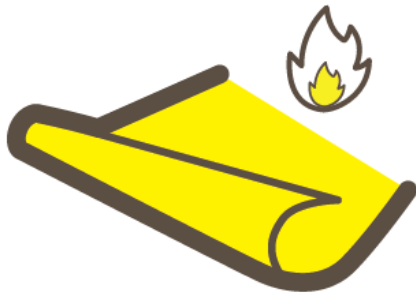


Weberdry MB 163

Polyester reinforced APP bitumen membrane



Weberdry MB 163 is a modified bitumen atactic polypropylene (APP) membrane of stabilized polyester TNT reinforcements with a torch-on polyethylene film (PBS), sand, mineral in different colours. It is specially designed for multi-layer solutions in cement, metal, or wooden structures, with or without thermal insulation.

PRODUCT BENEFITS



TORCHED ON MEMBRANE



EASY TO APPLY



EXCELLENT ELONGATION

USES

Weberdry MB 163 is designed for concealed reroofing or new roof waterproofing especially RC flat deck application. Weberdry MB 163 acts as a positive vapour barrier, preventing the migration of water vapour. It can also be used for rooftop M&E enclosures, roof terraces, viaducts, and balconies.

ADVANTAGES

- Prefabricated membrane
- Puncture resistant
- Requires only one layer, reduce roof load
- Heat welded laps provide homogenous joints

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Black
Thickness	3 - 4 mm
Length	10 m x 1 m
Tensile Strength (Longitudinal) (EN 12311-1)	600 N/5cm (Longitudinal); 500 N/5cm (Transversal)
Elongation at Break (EN 12311-1)	40 % (Longitudinal and Transversal)
Tear Resistance (EN 12310-1)	150 N (Longitudinal and Transversal)
Flow Resistance (EN 1110)	110°C
Flexibility (EN 1109)	0°C
Dimensional Stability (EN 1107-1)	±0.3 %
Thermal Ageing in air (EN 1296)	10°C
Variation of Flow Resistance (EN 1110)	10°C
Softening Point (Ring & Ball test) (EN 12316-1)	> 150

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.

Weberdry MB 163

Polyester reinforced APP bitumen membrane

PROCEDURE & APPLICATION



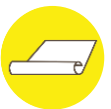
Surface Preparation

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, a bituminous primer. Stir Weberprim ES 124 well. Apply Weberprim ES 124 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 163 fully onto the floor and begin laying from low point of roof/work area to high point to avoid backwater laps. Align the membrane and to allow side laps tolerance, reroll Weberdry MB 163 half of its full length, and begin torching. Allow 100mm lap joints along the roll edges and 120mm on roll ends and transverse joints. Use a torch flame and move it from side to side covering the full width of the membrane until the burn off film begins to fully melt. Move the roll forward and do not overheat. Press firmly against the substrate. Heat the overlaps and use a round-tipped trowel to seal the overlaps. 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 163 is available in rolls of 10m x 1m.

Weberdry MB 163 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 (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Apr '25)

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