

Lambert® McMesh AB Reinforcement Fabric

Description Lambert McMesh AB is a lightweight non-woven synthetic reinforcing fabric.

Uses Lambert McMesh AB is recommended as reinforcement of Lambert coating series, or in situations to minimize excessive shrinkage of the membrane due to ageing. Lambert McMesh AB is recommended for flat roof construction work, providing reinforcement over such substrates as sand/cement screeds, wood/fibre compressed panels and other types of timber construction where movement exceeds the design characteristics of the class of polyurethane waterproofing membrane intended or as reinforcement for the epoxy coating system to increase the strength performance. Lambert McMesh AB is designed for use with Lambert polyurethane based liquid applied waterproofing membrane and Lambert Epoxy based protective coating system.

Lambert McMesh AB can be used on the following:

- ❖ Complete asphalt/graveled roofs
 - ❖ For reinforcing joints on plywood decks
 - ❖ For reinforcing rigid insulation board at joint positions
 - ❖ At metal seams or between metal and adjoining surfaces
 - ❖ Increase the performance of the Lambert coating system
 - ❖ Over sand cement screed surfaces to minimize the effect of damage due to shrinkage cracks
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Advantages

- ❖ Enables the finish to accept the contours of the substrate
- ❖ Cuts without fraying
- ❖ High shear strength due to production heat process
- ❖ Not affected by solvents. Not subject to degrading or rotting

Physical Properties Lambert Macproof Membrane 1000 impregnated Lambert McMesh AB at the specification weight of 1.5 kg per sq. metre wet weight yields the following:

- ❖ Ultimate Tensile Strength 4-5 Mpa
 - ❖ Elongation 25-40%
 - ❖ Tear Strength 31.9 KNs/mm
 - ❖ Moisture Vapour Transmission 8.4 gms/m² 24 hrs
 - ❖ Shore Hardness L.H.R.D. 45°
 - ❖ Life Expectancy based on Weatherometer Reports After 4000 hours, some surface deterioration, but no loss of general properties. (Equivalent to 20 years natural weathering).
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**Instruction
For Use**

Surface Preparation

Existing roofs must be thoroughly cleaned. Remove all loose gravel, dust, debris or friable material. Remove all traces of water and allow the surface to dry.

Expansion/Movement Joints

The use of slip joint tape is recommended where definite movement joints are involved.

NOTE:

Do not use less Lambert Macproof Membrane 1000 than is recommended for the specification

Ensure the Lambert McMesh AB is well impregnated and lays flat.

**Mixing &
Application**

A base coat of Lambert Macproof Membrane 1000 or Lambert coating series are first laid – approximately half the intended weight per sq. metre, which serves as a tack coat for the Lambert McMesh AB. The scrim is then laid by unrolling the roll and using a soft brush. Embed the scrim into the tack coat thoroughly. Allow this coating to cure. Overcoat the whole with the remaining quantity of Macproof Membrane 1000 material or Lambert coating system. Employ small lap joints where necessary and embed the Lambert McMesh AB up and over the coves, if present.

Pack Sizes

Lambert McMesh AB : 1.00 x 100m

Lambert McMesh TN : 1.00 x 100m

Lambert McMesh Modified : 1.00 x 50m

Precautions

Lambert McMesh AB is non-flammable but will burn if involved in a fire. Use water, CO₂ or powder extinguishers.

Storage

Lambert McMesh AB synthetic reinforcing fabric will store for many years.

Notes

All information provided in this leaflet is based on results obtained from our own experience and test and is given in good faith. But, as the application of these materials is necessarily beyond our control, we will not accept responsibility for any damage or loss arising wholly or in part from the use of these materials. Except as herein provided, any express or implied condition, warranty, statement or representation, statutory or otherwise as to the quality of the goods is expressly excluded.

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