

Bitutac 5300 Membrane



Description:

Bitutac 5300 is a self-adhesive waterproofing membrane comprising of a rubber/bitumen compound with a polypropylene net. It is resistant to stress caused by vehicles braking. The PP top layer is resistant to high temperatures, and hot asphalt can be directly applied to it.

Applications:

Waterproofing bridges, viaducts, traffic decks and ramps.
 Bridging concrete cracks prior to application of asphalt.
 Waterproofing concrete decks, basements, and roofs, (note UV stabilizer needs to be applied after application of product).

Characteristics:

Waterproofing, High Mechanical Characteristics, Puncture resistant, High Temperature resistant, Cold Applied.

Application:

Please refer to Savcor for specific application procedures.

General Application Guidelines for waterproofing:

1. Surface must be clean, dry, smooth and free of irregularities. Damaged and dirty surfaces must be repaired and cleaned.
2. On porous and dusty surfaces, the surface requires the application of Savcor Primer B. Allow primer to dry well.
3. Bitutac must not be applied at a temperature lower than +5°C
4. For waterproofing of slightly sloped surfaces, the installation must start from the lowest point and the overlapping must be formed in order to shed water.
5. The membrane must be overlapped at the edges with at least 6cm and at the top by 10cm.
6. The installed surface of the membrane and particular details like corners, edges and joints, must be carefully pressed once in position.
7. For waterproofing a vertical surface, the membranes must be installed in lengths of 2.5/3m. If the surface to be covered exceeds this height, then it must be done in several stages, again starting at the lowest point, overlapping the joints by at least 10cm.
8. Unroll the membrane and position it onto the prepared surface, as above indicated, and pull off the release paper. Finally, when the membrane is aligned correctly, press it into position, which can be done using a roller.

Data:

PP Thickness: 0.50mm
 Total Thickness: 1.5mm
 Other thickness available on request
 Tensile Strength: Long 711 N/mm Trans 923N/mm ASTM D638
 Elongation: Long 66% Trans 99% ASTM D638
 Puncture Resistance: 1214N ASTM E154
 Adhesion to primed concrete 5.8N/mm
 Cold Flexibility -40°C DIN 52123
 Roll Size: 1m x 20m, 200mm x 20m, 125mm x 20m rolls.



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