

Polymer Bitumen Based Waterproofing Membranes

BTM Plastobit PP3000 is a fibreglass-reinforced waterproofing membrane made of bitumen modified with APP (atactic polypropylene), coated with PE (polyethylene) film on the lower and upper surfaces and applied with an oxyacetylene burner. We, BTM, may produce 11 types of the Plastobit membrane with different properties.



Places of Use

Used to obtain water and moisture impermeability on:

- terrace roofs of buildings,
- sloping concrete roofs,
- curtain walls, foundations.
- designed for moderate climates and used as lower and middle layer membrane in waterproofing.
- Plastobit is only used in a single layer for insulation purposes against moisture in such wet spaces as bathrooms and kitchens and in foundations where there is no pressurised ground and surface water. Other than this, it is not used in a single layer.

Surface Preparation

Surface on which application shall be carried out must be cleaned of any dust, dirt, rust and grease

and any loose parts scraped. BITUSOL or BITUMER undercoat must be applied to the surface and allowed to dry up depending on the surface where necessary.

Mode of Application

If the surface to be insulated is concrete, then it must have been finished with sloping grout burnished using a wooden trowel and be clean and dry. Before the application of the membrane, the surface must have been spread with bituminous solution undercoat BITUSOL (TS 103) or bituminous emulsion undercoat BITUMER (TS 113) and allowed to dry up. Membranes start to be applied in a direction perpendicular to the slope at the lowest part of the roof (lowest elevation). The membrane is heated up with oxyacetylene burner flame and then adhered to the surface. The rows must be laid with some shift sideways. Membranes must be overlapped 15cm on the short sides and 10cm on the long ones, and the seams must be well adhered. Between the layers, there must be a shift sideways for 50cm on the short side and 5m on the long one.

Packaging

Plastobit is launched into the market in rolls 1m wide and 10m long.



Storage Conditions

Rolls must be vertically stored in roofed-over spaces. If the rolls have to be stored outdoors for a long period of time, then they must be covered with a protective layer in order to protect them against the sunlight. If the rolls are to be stowed without pallets, they are not stacked one on top of another. In palletised stowage, two rows may be stacked one on top of the other.