

SHED OR HAUL INDUSTRIAL COVER WITH THERMAL INSULATION

VISIBLE SURFACE

Para. 1

Primary beams in pre-compressed reinforced concrete, caisson or "reversed T" shaped or "I" shaped.

Para. 2

Microshed/shed element in pre-compressed reinforced concrete.

Para. 3

Insulating system obtained with the continuous coupling of a specific elasto-plastomer polymer bitumen membrane with polyurethane foam panels (**NORDPOL PUR**) or EPS 150 sintered XPS (**NORDPOL EPS**) or self-extinguishing extruded (**NORDPOL XPS**) The insulating system is produced on request and can differ in thickness and density with an arrangement of carvings and millings to retrace the form of the tile to be waterproofed.

The elastoplastomer polymer bitumen membrane (BPP), applied to the panel, will be smooth with polyester non-woven fabric reinforcement (POL) or layer of strengthened surfacing mat (VV).

The panels should be laid by carefully placing each panel in juxtaposition with the adjacent ones.

The thickness of the insulating system should comply with current legal standards for energy saving in buildings and should be of a suitable size to avoid the dew point being below the vapour barrier.

The insulating system should be fixed to the support in one of the following ways:

- Mechanical fitting of the insulation system made up of anti-corrosion treated round headed nails (length of nail equal to thickness of the insulating system increased by 3 cm, in order to penetrate the cement by at least 2,5 cm), diameter of the round head 75 mm, nail butt position in the round head lowered to prevent stamping of the waterproof membrane following concentrated or diffused compression of the insulated panel; fixing density:
- Ready for use bituminous adhesive with a doughy consistency, made up of modified bitumens with the addition of **BIT ADHESIVE** synthetic rubber for drop gluing the thermal-insulation system on cement to the extent of 0,500 - 0,750 kg/m².
- Elastomeric expandable adhesive with no **MILLENIUM ON STEP** solvents designed to be applied using the One Step system, to be applied directly to the edges with a distance of approx. 30 cm between them.

Para. 4

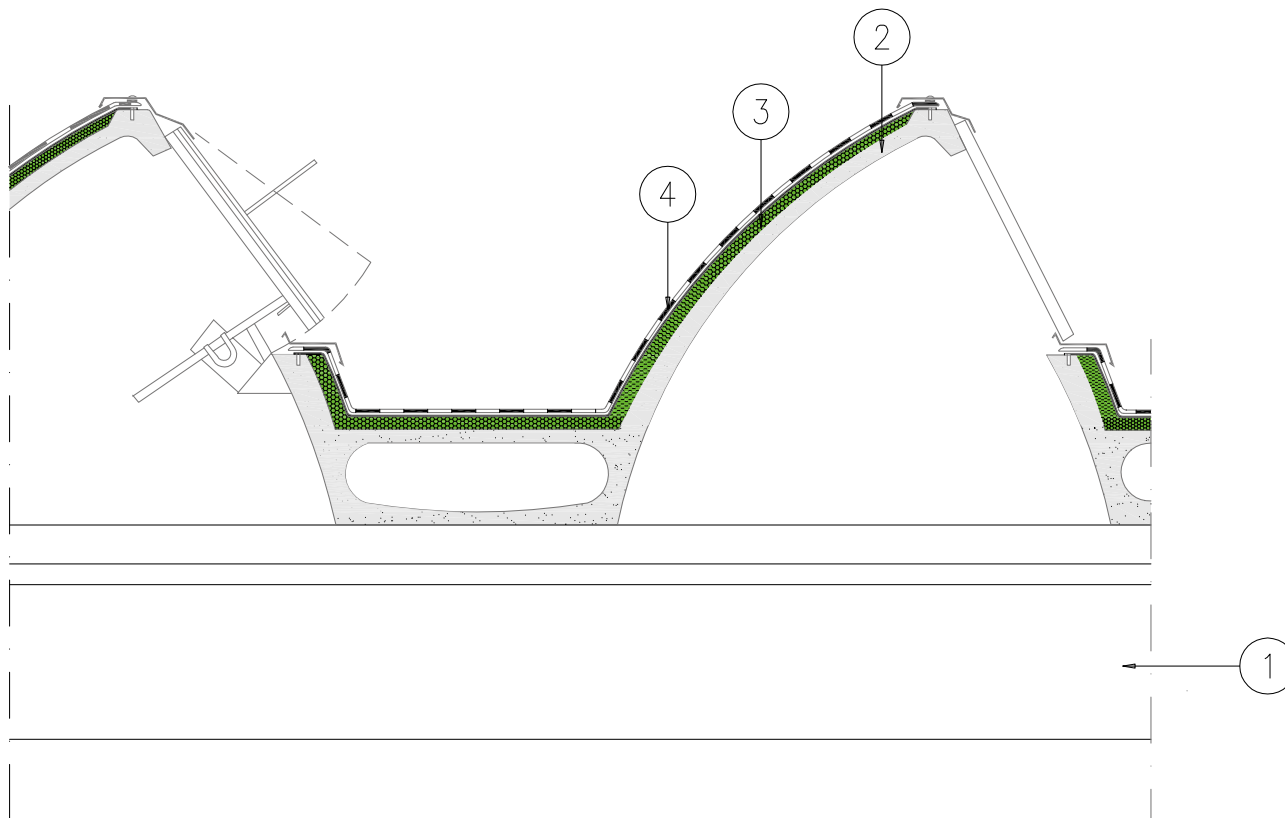
4 mm thick single-layer sealing element in polyolefin waterproof membrane **ITER 20 MINERAL / SUPER A MINERAL** measured on the selvage (plastomer bitumen polymer PAO reinforced with reinforced spunbound polyester non-woven fabric) self-protected with natural chips of slate, torched on in complete adherence and carefully welded onto the overlap (minimum overlapping: 100 mm side and 150 mm butt).

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VISIBLE SURFACE

SHED INDUSTRIAL COVER

1. Primary beams in pre-compressed reinforced concrete
2. Prefabricated shed element in pre-compressed reinforced concrete
3. Thermal insulating coupling system with polyester membrane attached to the support using special glues
4. Sealing element in ITER membrane with 4mm thickness on selvage.



SHED INDUSTRIAL COVER

1. Prefabricated element in pre-compressed reinforced concrete
2. Pre-shaped coupling insulating panel with polyester membrane
3. Mechanical fitting
4. SUPER A MINERAL double selvage membrane
5. SUPER A MINERAL membrane with no selvage

