

3.9.

3.9.3.

**METALLIC COVERINGS**  
THERMAL ISOLATION IN ROCKWOOL PLAQUES  
SOLUTION WITH THERMAL ISOLATION  
SYSTEM FIXED MECHANICALLY

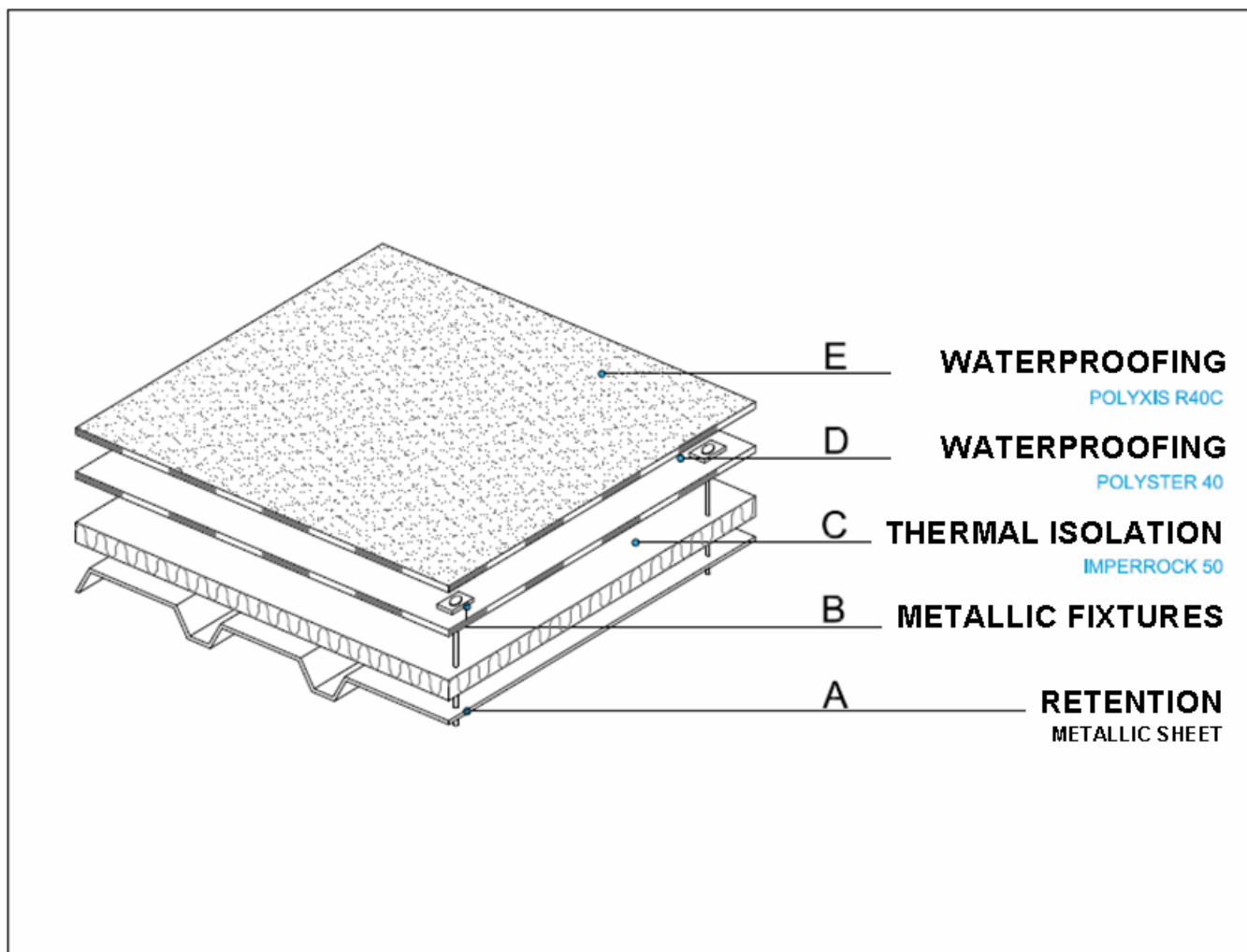
### MECHANICAL FIXTURE OF THE THERMAL ISOLATION PANEL AND THE FIRST MEMBRANE OF THE WATERPROOFING SYSTEM

- A Retention – METALLIC SHEET;
- B Mechanical fixtures;
- C Thermal isolation in 150 kg/m<sup>3</sup> thermo-hardened rock wool mineral fibre rigid plaques, regulated and bonded with synthetic resin, type IMPERROCK 50;
- D 4,0 Kg/m<sup>2</sup> APP polymer concrete membrane with 150 gr/m<sup>2</sup> polyester reinforcement, protected with polyethylene on both sides, type POLYSTER 40;
- E 4,0 Kg/m<sup>2</sup> APP polymer concrete membrane, with 150 gr/m<sup>2</sup> polyester reinforcement, protected with polyethylene on the bottom surface and self-protected with mineral granules on the top surface, type POLYXIS R 40 C.

### 3.9.

#### 3.9.3.

## METALLIC COVERINGS THERMAL ISOLATION IN ROCKWOOL PLAQUES SOLUTION WITH THERMAL ISOLATION SYSTEM FIXED MECHANICALLY



### NOTE:

Waterproofing membranes produced with concrete modified with plastomer polymer (A.P.P.), resins and filler.  
See application and homologation documents DA6, DA7, DA8 and no. 752, respectively, granted by the L.N.E.C.

PRODUCTS	Reinforce=ments	Coatings		Mass (Kg/m2)	Size Rolls (m)		Dimensional Stability (%)	Flexibility to reduction in temp. (°C)	Resistance to runoff at high temp. (°C)	Resistance to traction (N/50mm)		Extension at fracture (%)	
		Inf.	Sup.		L	W				L	T	L	T
POLYSTER 40	Polyester Felt (150g/m2)	Poly- ethylene	Poly- ethylene	4.0	10	1	≤ 0,5	-5	120	700±140	350±70	35±10	35±10
POLYXIS R 40 C	Polyester Felt (150g/m2)	Poly- ethylene	Mineral	4.0	10	1	≤ 0,5	-5	120	700±140	350±70	35±10	35±10

