

3.6.

BRIDGE PLATFORMS AND VIADUCTS

3.6.1.

BITUMINOUS CONCRETE WEAR LAYER

SOLUTION WITHOUT THERMAL ISOLATION

ADHERED SYSTEM

- A Retention;
- B Form Layer – Shaping;
- C Bituminous emulsion as adherence primer, type IMPERKOTE F;
- D 5,0 Kg/m² APP polymer concrete membrane, double-reinforced with 50 gr/m² fibreglass reinforcement and 250 gr/m² polyester reinforcement, protected with polyethylene on the bottom surface and with sand on the top surface, type POLYSTER R 50 V;
- E Heavy protection (bituminous concrete wear layer).

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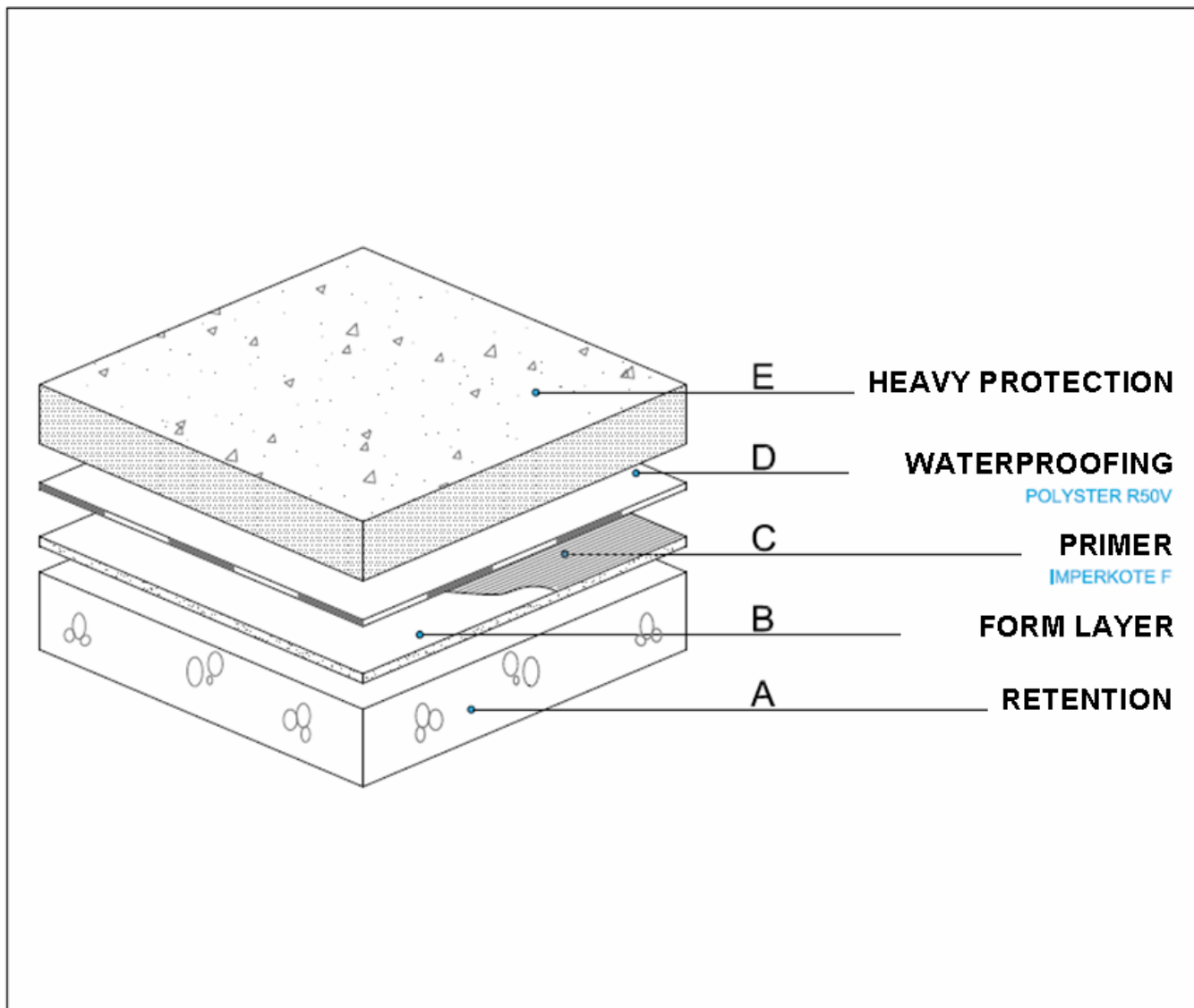
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NOTE:

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/m ²)	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 R50V	Fibreglass Felt (50gr/m ²) Polyester Felt (250g/m ²)	Poly-ethylene	Poly-ethylene	5.0	8	1	≤ 0,5	-5	120	1000±200	800±160	40±10	40±10

