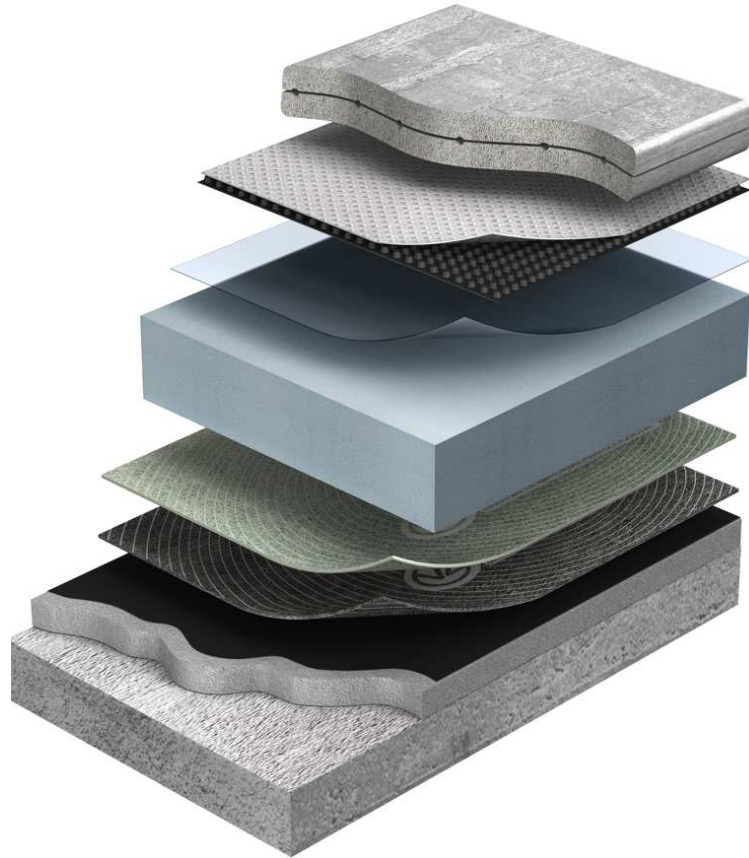


Elastoval 2-layer insulated system

Premium quality, high performance bituminous system for parking with insulation.



This system is for new build projects or refurbishment projects (where conditions allow, existing systems can be overlaid). Suitable for concrete decks.

Build-up	2-layer system
Slope	1%
System	Torch applied
Type	New roof or refurbishment
Insulation	glued
Deck	Concrete deck
Protection	Concrete pavement



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	Build-up	mm
9	Pavement, Concrete reinforced slab	250
8	Drainage and protection, VZ DRAIN 10 - 2F loose laid applied	10
7	Separation layer, polyethylene film 0,3mm	0,3
6	Insulation, XPS extruded polystyrene 0,035 W/mK , 500kPa	100
5	Waterproofing, Top layer SBS modified bitumen membrane, ELASTOVAL 4PL SUPER , fully torch applied	4,0
4	Waterproofing, Base layer SBS modified bitumen membrane, ELASTOVAL 4PL SUPER , fully torch applied	4,0
3	Bituminous primer, VERVAL PRIMER 0,3 L/m2	0,1
2	Concrete screed, slope 1%	
1	Structural - Concrete deck	

Note

Method of Application

- Clean the concrete surface thoroughly free from loose materials, laitance, dust, oils and curing agents
- Prepare horizontal surface and vertical upstands with Verval Primer and allow to dry,
- Install Elastoval 4PL Super 33 base layer fully torched over concrete screed. Side lap 100mm / head lap 100mm, head joints 1m staggered
- Install Elastoval 4PL Super 33 top layer fully torched on base layer. Side lap 100mm / head lap 100mm, head joints 1m staggered
- Secure all joints by torching.
- Install XPS insulation boards with staggered joints bonded over Elastoval membrane with Valcoat ISO 0,8 kg/m2 glue
- Install a Polyethylene 0,3mm film as separation layer, loose laid,
- Install VZ Drain 10 - 2F loose laid over top layer membrane, 50mm side lap / head lap overlapping
- Install reinforced concrete slab pavement

