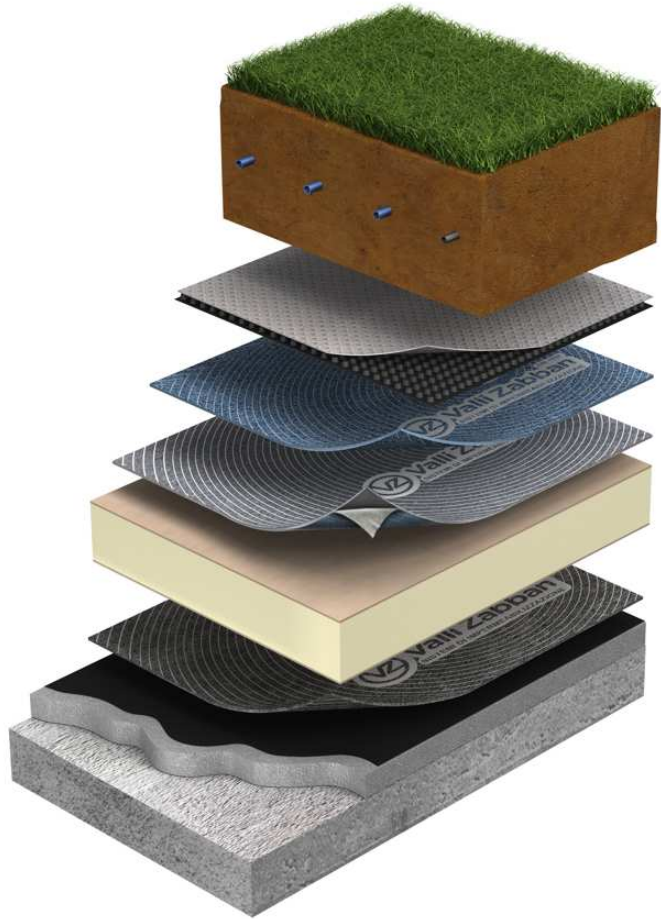


Code RS4.2 Insulated Intensive Green Roof
Elastogum 2-layer system

Premium quality, high performance bituminous warm roof system for intensive green roofs with permanent watering irrigation system.



This system is for new build projects. Suitable for concrete decks.

Build-up	2-layer system
Slope	1%
System	Torch applied top layer / termo-adesive base layer
Type	New roofs
Insulation	Thermo-adesive bonded
Deck	Concrete deck
Protection	Green roof - Intensive



Elastogum 2-layer system

	Build-up	mm
9	Intensive green roof with irrigation system for permanent watering	1500
8	Drainage and protection, VZ DRAIN GR-2F loose laid applied	15
7	Waterproofing, top layer SBS modified bitumen with anti-root agent membrane, ELASTOGUM ANTIRADICE 4PLA , fully torch applied	4,0
6	Waterproofing, Base sheet SBS modified bitumen membrane, TERMOVAL 4PL , adhesive	4,0
5	Insulation, PIR insulation panel paper faced 0,022 W/mK , 150kPa	100
4	Vapour barrier, RILEVAL 4ALU modified bitumen membrane sd=1500m with thermo-adhesive top surface for insulation panels direct bonding	4,0
3	Bituminous primer, VERVAL PRIMER 0,3 L/m ²	0,1
2	Concrete screed, slope 1%	
1	Structural - Concrete deck	
Note	PIR insulation panels can be substituted by naked EPS 0,033 W/mK 150kPa insulation boards	

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 or EcoPrimer 0,3L/m² and allow to dry,
- Install Rileval 4ALU vapour barrier fully torched on horizontal surface with minimum 10 cm side lap/head lap overlapping and along all upstands with a minimum height 5cm higher than insulation,
- Install PIR paper faced insulation boards with staggered joints, bonded directly over thermo-adhesive vapour barrier top surface gently activated by torching
- Install Ternoval adhesive base layer over PIR insulation board. Side lap and head lap 100mm overlappings, head joints 1m staggered
- Install Elastogum Antiradice 4PLA top layer fully torched over Ternoval base sheet. Side lap 100mm / head lap 100mm overlappings, head joints 1m staggered,
- Secure all joints by torching.
- Install VZ Drain GR 2F loose laid over top layer membrane, 50mm side lap / head lap overlappings,
- Install intensive green roof with irrigation system

