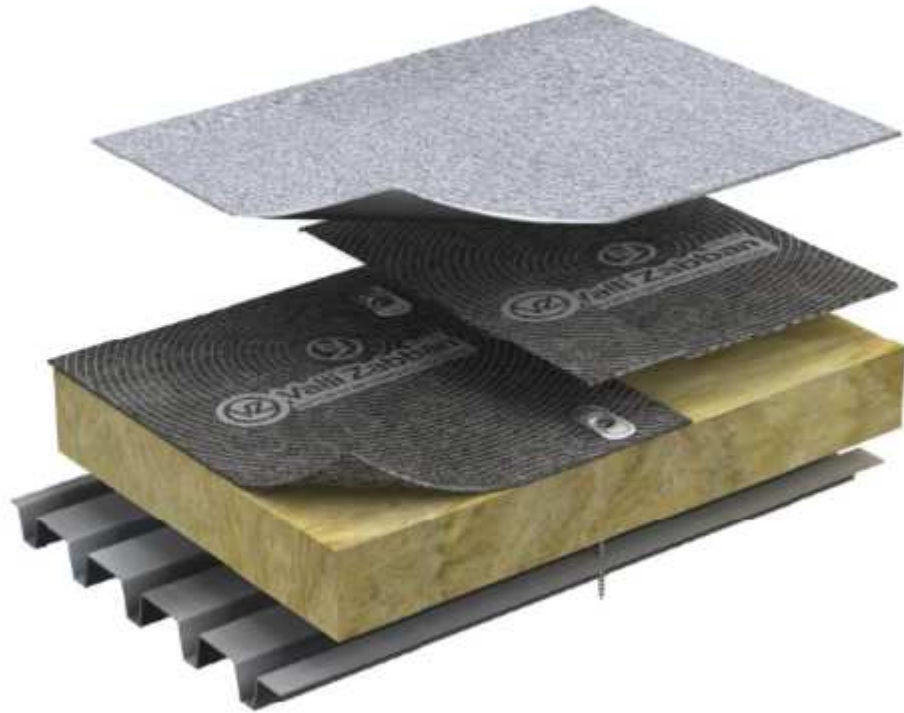


Code RS1.5

Insulated Exposed Technical Roof

Extragum Green-Energy
mechanically attached system

Premium quality, high performance bituminous warm roof mechanically attached system for exposed technical flat roofs with metal deck. The cap sheet is available with reflective REFLEVAL surfacing for Cool Roof or other colours for architectural purposes. This system is EPD and LEED compliant.



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

Build-up	2-layer system
Slope	2%
System	Torch applied Cap Sheet / Mechanically attached base layer
Insulation	Mechanically fixed
Type	New roofs
Deck	Steel deck
Certification	EPD and LEED compliant
External Fire performance	BRoof T2 (see note 2)



Extragum Green-Energy mechanically attached system

	Build-up	mm
4	Waterproofing, Single layer Cap sheet modified bitumen membrane with high recycled material content, EXTRAGUM GREEN-ENERGY MINERAL , fully torch applied	5,2
3	Waterproofing, Base layer EXTRAGUM FM , mechanically fixed	3,5
2	Insulation, Mineral Wool panels bitumen faced 0,035-0,040 W/mK , 70kPa mechanically fixed	100
1	Structural - Steel deck slope min 2%	0,1

Note (1) **Adesival VAP 2mm** vapour barrier only in case of high hygrometry buildings.

(2) In case of high external fire performance Extragum Green-Energy can be substituted with **Professional 20 Mineral Fire Defence**

Method of Application

- (Only for high hygrometry buildings) Install Adesival VAP 2mm adhesive vapour barrier on horizontal surface with minimum 10 cm overlapping and along all upstands with a minimum height 5cm higher then insulation,
- Install Mineral Wool (MW) insulation panels with staggerd joints, mechanically fixed with D70mm steel plates and screw.
- Install Extragum FM mechanically attached base sheet. Side lap 120mm / head lap 100mm, head joints 1m staggered
- Install Extragum Green-Energy Mineral (or Professional Fire Defence) cap sheet fully torched over base sheet. Side lap 100mm / head lap 100mm, head joints 1m staggered
- Secure all joints by torching.