

Contents of the Revit package

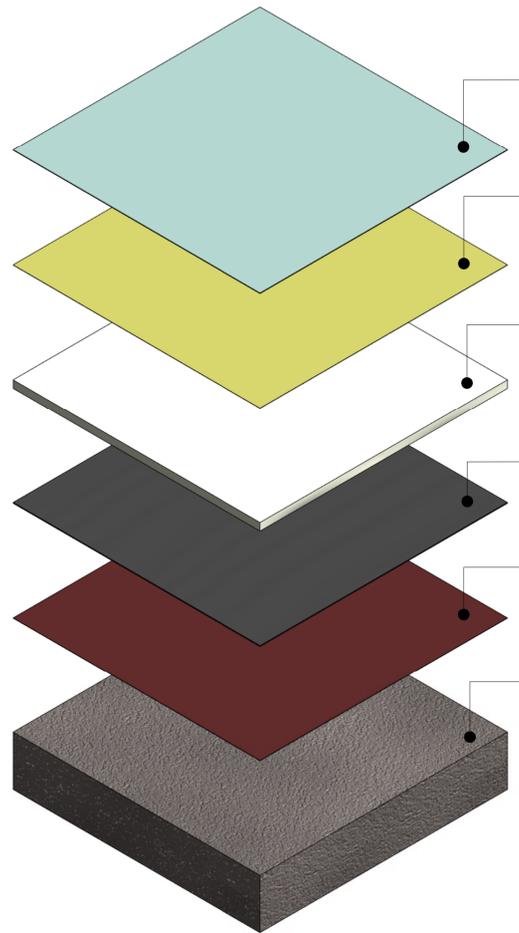
NOTE:

In order to facilitate the designer, the system was placed in the "Roof" family and also in the "Floor" family.

In order to design correctly the systems, it is necessary to respect the intended uses and the indications given in the Polyglass technical documentation.

If you have any question, please contact Polyglass Technical Support

Exploded Axonometric



MAPEPLAN T Af 18 Glued FPO/TPO synthetic waterproofing membrane

Synthetic roofing waterproofing membrane in flexible polyolefin FPO/TPO, reinforced with glass mat, fleece backed with woven-non-woven polyester

POLYGLUE PU 2K Adhesive

Fast-drying solvent-free 2-part polyurethane adhesive

EPS 200 kPa - mechanical fixing Mechanically fixed thermal insulation layer

Thermal insulation panel in sintered expanded polystyrene EPS. Compressive strength ≥ 200 kPa

POLYVAP RADONSHIELD P-AL Vapour barrier

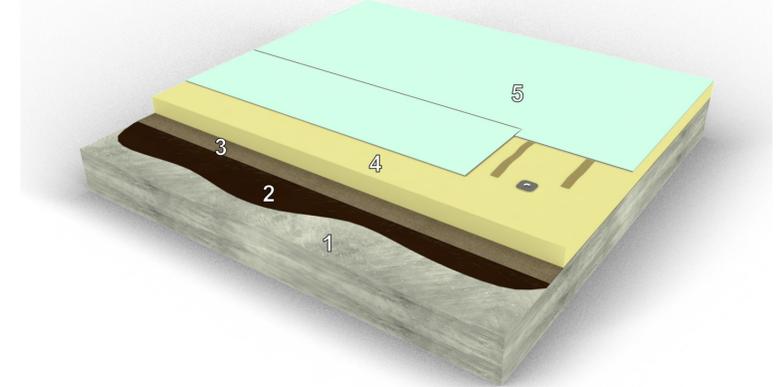
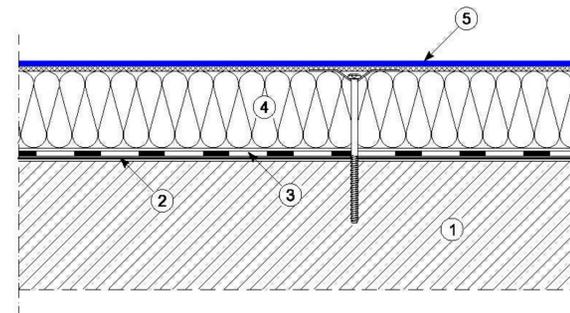
ELASTOMERIC-PLASTOMERIC (BPP) prefabricated vapour control bitumen membrane, stabilized polyester nonwoven COMPOSITE carrier laminated with aluminium foil that gives tensile strength in all directions. Flexibility at low temperature: -10°C

IDROPRIMER Primer

Bituminous water based primer containing selected bitumen

STRUCTURE

System description



BIM System S02 T A1.2					
Exposed roof with TPO/FPO synthetic waterproofing membrane fully adhered, with mechanically fixed thermal insulation					
n.	LAYER	MATERIAL	THICKNESS (mm)	POSSIBLE ALTERNATIVE *	NOTE
1	Structure	Reinforced concrete slab	-	Concrete and masonry slab, precast concrete elements, corrugated metal sheet with concrete slab	The supports must be made on a slope or with an overlying slope screed in non-lightweight concrete
2	Primer **	IDROPRIMER	0,1	POLYPRIMER HP 45 PROFESSIONAL	The MAPEPLAN VB PE SD 220 vapor barrier does not require primer application
3	Vapor barrier	POLYVAP RADONSHIELD P-AL	3	PLANA P MAPEPLAN VB PE SD 220	For bituminous vapor barriers, provide for the realization of adequate "pontage" in case of installation on fractional supports
4	Mechanically fixed thermal insulation layer	EPS 200 kPa	-	EPS 150 kPa PUR/PIR	Mechanically fixed
5	Glued waterproofing membrane	MAPEPLAN T Af 18	1,8	MAPEPLAN T Af 15 MAPEPLAN T Af 20	Glued with POLYGLUE PU 2K

*NOTE:
The alternative products are inserted in the library file "MaterialsPolyglass_ENG.adsklib"

**NOTE:
In the build-up made with Autodesk Revit software, the minimum thickness that can be depicted is 0.8 mm, so all products with a lower thickness will be represented with this value.

For the characteristics and methods of use of all products, always refer to the latest updated version of the technical data sheets available on the website www.polyglass.com

BIM System S02|T A1.2

Exposed roof with TPO/FPO synthetic waterproofing membrane fully adhered, with mechanically fixed thermal insulation

NOTE: it is under user's responsibility to verify the correctness of the final values provided by Revit for the compound package and that, in any case, Polyglass can guarantee the correspondence of the information provided, only in relation to the products of its own manufacture.



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