BM4.1

Section

Tile floor

Screed in reinforced or fiber concrete

POLYFLEX LIGHT 4 mm + MAPEPLAN PE macro-perforated + MAPEPLAN PE micro-perforated
Waterproofing bituminous membrane - Reoxthene technology + macro-perforated sheet in LDPE + micro-perforated sheet in LDPE

POLYFLEX LIGHT
Waterproofing bituminous membrane - Reoxthene technology

PUR VB
Thermo-insulating panel made by expanded polyurethane with upper and bottom faces covered by with a bituminized glass veil

IDROPRIMER + POLYVAP FIX AL
Water-based bituminous primer + Bituminous vapour barrier with torch-on surface for bonding of insulation panels

Reinforced concrete slab

Build-up composition

Tile floor

Screed in reinforced or fiber concrete

POLYFLEX LIGHT 4 mm + MAPEPLAN PE macro-perforated + MAPEPLAN PE micro-perforated

POLYFLEX LIGHT

PUR VB

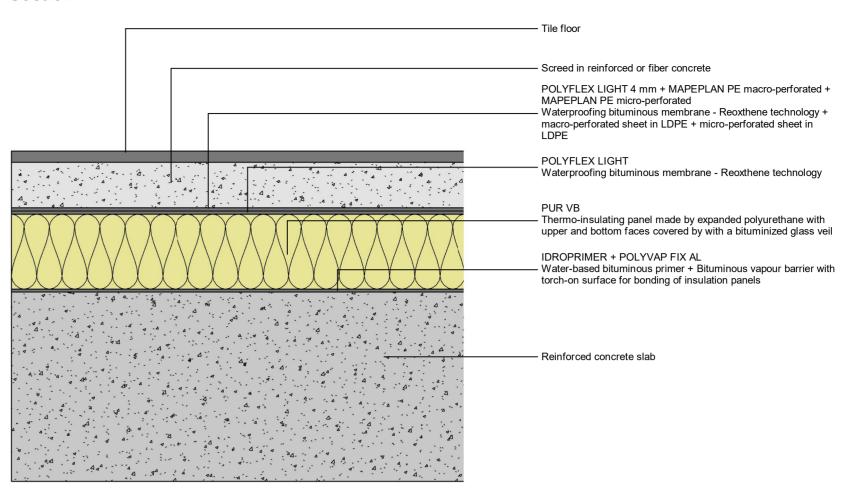IDROPRIMER + POLYVAP FIX AL

Reinforced concrete slab

System BM4.1
Roof with paving with bituminous waterproofing membrane (insulated)

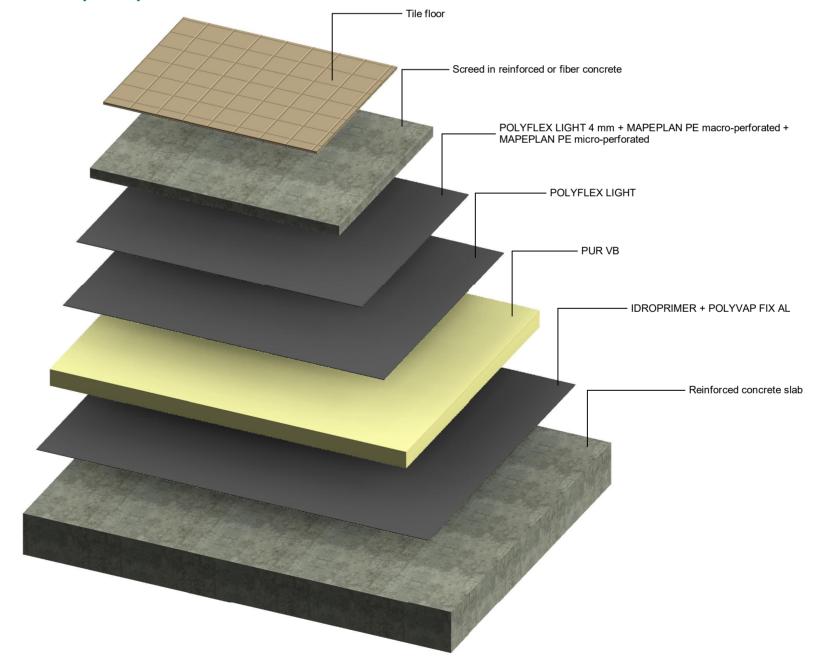| NO	LAYER	MATERIAL	THICKNESS [mm]	POSSIBLE ALTERNATIVE	NOTE
1	Structure	Reinforced concrete slab		Concrete and masonry slab, precast concrete elements, corrugated metal sheet with concrete slab	Substrate with adequate slope
2	Bituminous primer (*)	IDROPRIMER	0,1	POLYPRIMER HP 45 Pro	
3	Vapour barrier layer	POLYVAP FIX AL 3,5 mm	3,5	POLYVAP RADONSHIELD 3 mm	
4	Thermal insulation layer	PUR VB	30 40 50 60 70 80 100 120 140 160	PUR/PIR according to EN 13165 with bituminous coating	Panels must be bonded
5	Waterproofing membrane first layer	POLYFLEX LIGHT 4 mm	4		
6	Waterproofing membrane second layer	POLYFLEX LIGHT 4 mm	4		
7	Separation layers (*)	MAPEPLAN PE macro-perforated + MAPEPLAN PE micro-perforated	0,15 + 0,1		
8	Screed	Screed in reinforced or fiber concrete			
9	Floor	Tile floor			

(*) Apply the product according to the thickness specified in the table. In the layout designed using Autodesk Revit software, the same product has been integrated into the next layer because the minimum representable thickness is 0.8 mm.

For information on the characteristics and how to use the aforementioned products, please refer to the latest version of the relative Technical Data Sheets which are available on our website www.polyglass.com.

System BM4.1
Roof with paving with bituminous waterproofing membrane (insulated)

Please note that it is the user's responsibility to verify the accuracy of the values supplied by Revit for composite packages and, in all cases, Polyglass only guarantees the accuracy of the data and figures for materials/products manufactured by Polyglass.