



Multi-Comfort
House

SATE PARED EXTERIOR – PATIO PUERTA

V nbp-sp2012-1.0

ISOVER
SAINT-GOBAIN

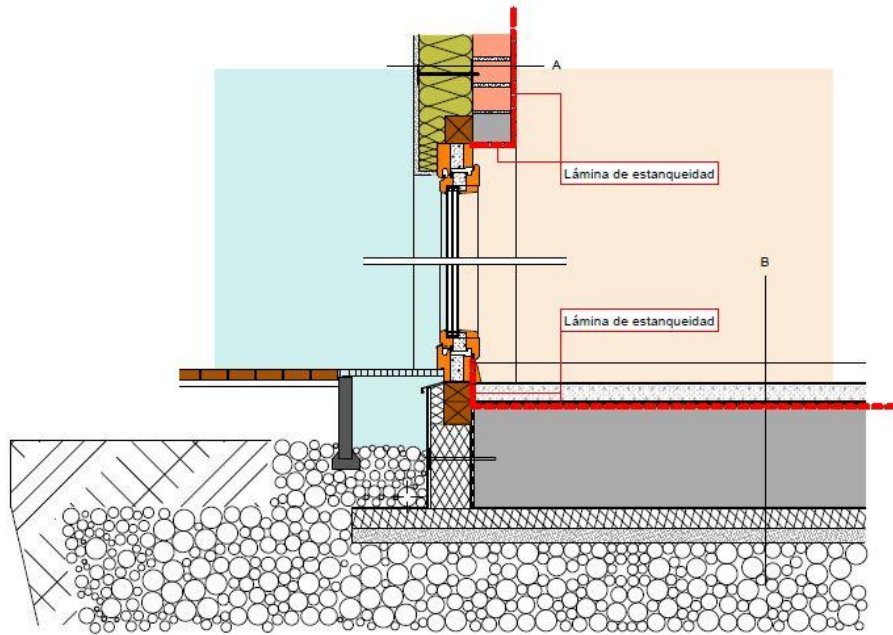
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1. DETALLE CONSTRUCTIVO

A5

SATE - Pared exterior - patio (puerta)



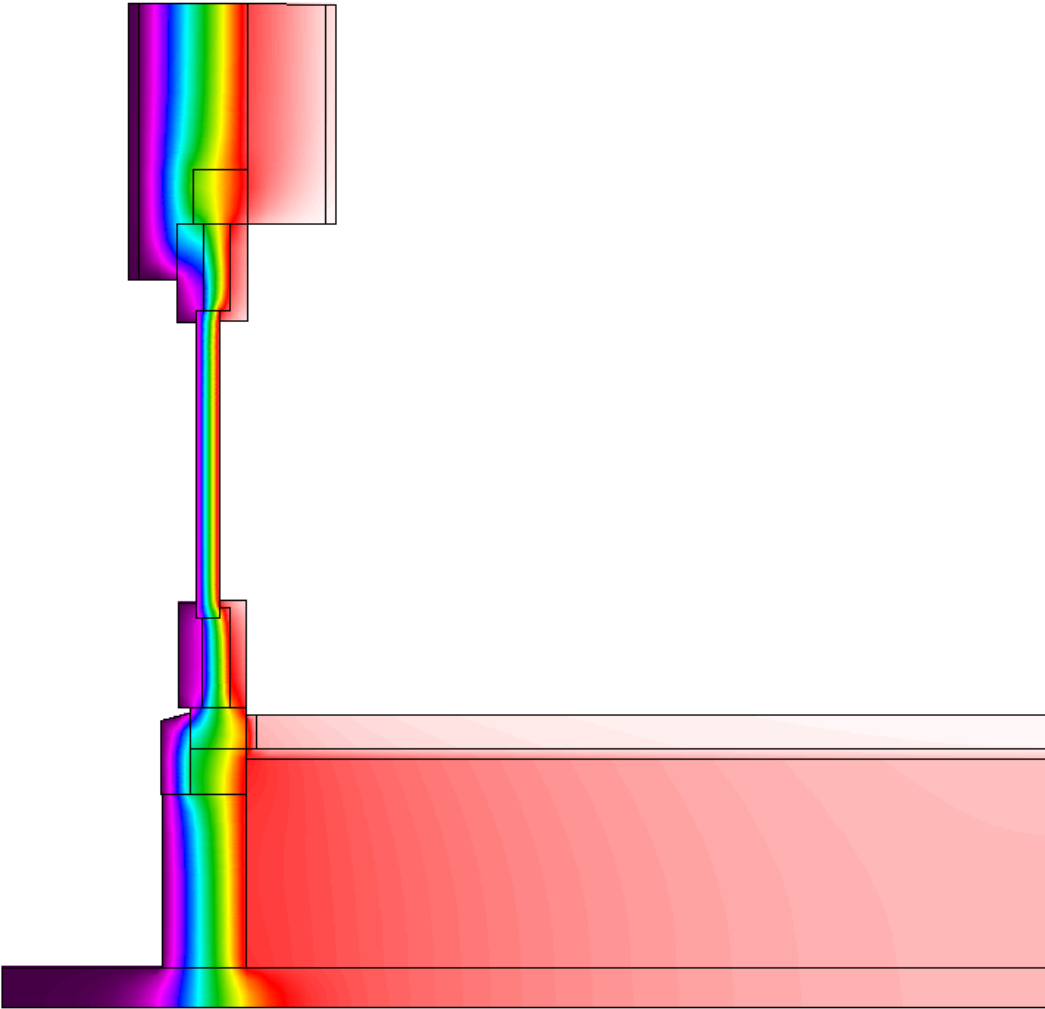
Sección A en mm

- 15 Revestimiento interior
- 115 Ladrillo cerámico perforado
- 180 Aislamiento ISOVER. Panel ISOFEKX de lana de roca ($\lambda=0,036$)
- 15 Revestimiento exterior

Sección B en mm

- Acabado
- Capa de mortero
- Lámina de polietileno
- 15 Aislamiento mediante ARENA PF de ISOVER ($\lambda=0,032$)
- Losa de hormigón sobre terreno
- Aislamiento resistente al agua con barrera de vapor
- 60 XPS ISOVER ($\lambda=0,032$)
- Capa de nivelación
- Terreno

2. ISOTERMAS



3. CALCULO DE TRANSMITANCIA

Passive House Planning						
U-VALUES OF BUILDING ELEMENTS						
Building: <input style="width: 200px;" type="text"/>			Wedge Shaped Building Element Layers and Still Air Spaces -> Secondary Calculation to the Right			
A5 Section A						
Assembly No. Building Assembly Description						
Heat Transfer Resistance [m²K/W]			interior R _{si} :		0,13	
			exterior R _{se} :		0,04	
Area Section 1	λ [W/(mK)]	Area Section 2 (optional)	λ [W/(mK)]	Area Section 3 (optional)	λ [W/(mK)]	Total Width
						Thickness [mm]
1. internal rendering	0,700					15
2. ceramic perf bricks	0,250					115
3. ISOFEX	0,036					160
4. external rendering	1,000					15
5.						
6.						
7.						
8.						
			Percentage of Sec. 2	Percentage of Sec. 3	Total	
					30,5 cm	
U-Value:					0,196 W/(m²K)	
A5 Section B						
Assembly No. Building Assembly Description						
Heat Transfer Resistance [m²K/W]			interior R _{si} :		0,17	
			exterior R _{se} :		0,00	
Area Section 1	λ [W/(mK)]	Area Section 2 (optional)	λ [W/(mK)]	Area Section 3 (optional)	λ [W/(mK)]	Total Width
						Thickness [mm]
1. screed	1,400					50
2. ARENA PF	0,032					15
3. concrete slab	2,300					300
4. XPS	0,032					60
5.						
6.						
7.						
8.						
			Percentage of Sec. 2	Percentage of Sec. 3	Total	
					42,5 cm	
U-Value:					0,373 W/(m²K)	