



SATE PARED EXTERIOR – CUBIERTA PLANA

V nbp-sp2012-1.0



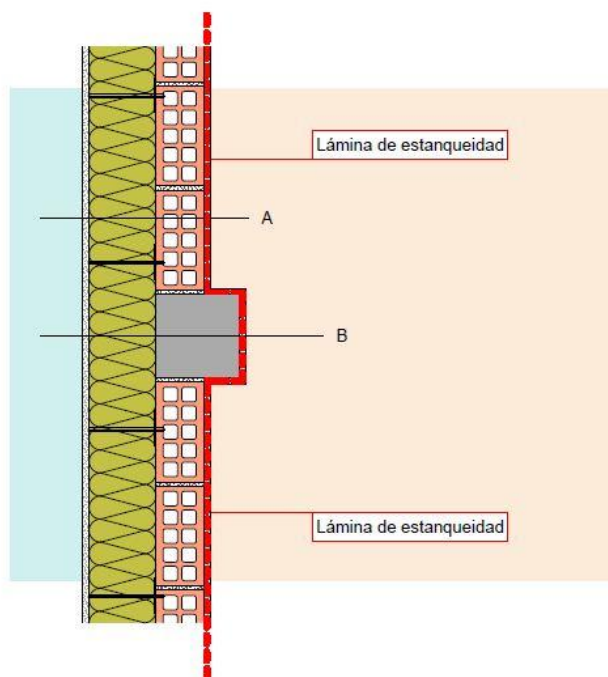
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1. DETALLE CONSTRUCTIVO

A10-c

SATE - Pared exterior - cubierta plana



Sección A en mm

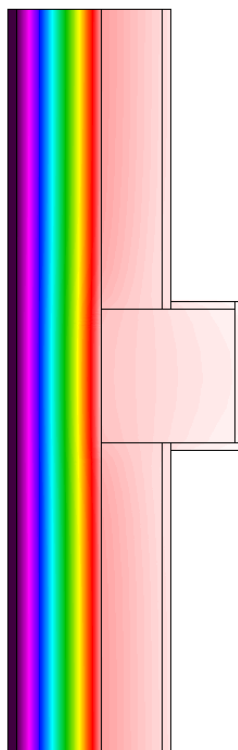
- 15 Revestimiento interior
- 115 Ladrillo cerámico perforado
- 160 Aislamiento ISOVER. Panel ISOFEX de lana de roca ($\lambda=0,036$)
- 15 Revestimiento exterior

Sección B en mm

- 15 Revestimiento interior
- 250 Columna de hormigón
- 160 Aislamiento ISOVER. Panel ISOFEX de lana de roca ($\lambda=0,036$)
- 15 Revestimiento exterior

2. ISOTHERMAS

homogen	U(Decke gg EB, horiz)=	W/m²K
	U(AW gg AL, vert)=	0,196 W/m²K
aus Therm Berechnung		
	U(Decke gg AL, horiz)=	W/m²K
	U(Wand erdberührt, vert)=	W/m²K
	U(Wand, vert)=	0,209 W/m²K
Wärmestrom pro Längeneinheit		
homogen		
	$Q/l=(U*b)*\Delta T=$	0,272 W/m
Wärmestrom pro Längeneinheit		
Wärmebrücke		
		0,000
		0,000
	$Q(\text{außen, horiz, vert})/l=(U*b)*\Delta T=$	0,291 W/m
Summe:		0,291 W/m
Leitwertzuschlag L(Psi)		0,018 W/mK



3. CALCULO DE TRANSMITANCIA

Passive House Planning						
U-VALUES OF BUILDING ELEMENTS						
Building: <input style="width: 100%;" type="text"/>						Wedge Shaped Building Element Layers and Still Air Spaces -> Secondary Calculation to the Right
A10c Section A						
Assembly No. Building Assembly Description						
Heat Transfer Resistance [m ² K/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. ISOFEK	0,036					160
4. external rendering	1,000					15
5.						
6.						
7.						
8.						
Percentage of Sec. 2			Percentage of Sec. 3		Total	
<input style="width: 100%;" type="text"/>			<input style="width: 100%;" type="text"/>		30,5 cm	
U-Value: 0,196						W/(m ² K)
A10c Section B						
Assembly No. Building Assembly Description						
Heat Transfer Resistance [m ² K/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. concrete column	2,300					250
3. ISOFEK	0,036					160
4. external rendering	1,000					15
5.						
6.						
7.						
8.						
Percentage of Sec. 2			Percentage of Sec. 3		Total	
<input style="width: 100%;" type="text"/>			<input style="width: 100%;" type="text"/>		44,0 cm	
U-Value: 0,210						W/(m ² K)