

Date si rezultate pentru pereti

Nume element

Planseu

Coeficientul de transfer de caldura **0.21** W/(m²·K)

Descriere

Sensul de curgere

Sus

Tipul structurii

PL

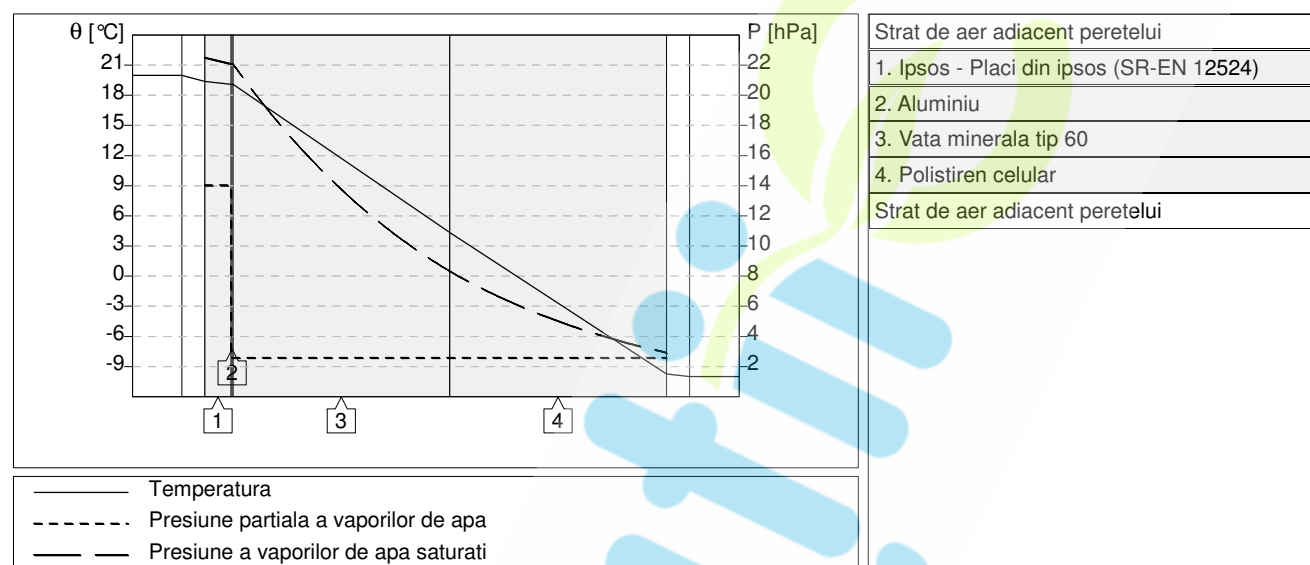
Rez. term. (ext.)

0.040 (m²·K)/W

Rez. term. (int.)

0.100 (m²·K)/W

Materialul stratului	d [mm]	λ [W/(m·K)]	Cp [J/(kg·K)]	ρ [kg/m ³]	R [(m ² ·K)/W]
Ipsos - Placi din ipsos (SR-EN 12524)	12	0.250	1000.0	900.0	0.048
Aluminiu	1	220.000	480.0	2600.0	0.000
Vata minerala tip 60	100	0.042	750.0	60.0	2.381
Polistiren celular	100	0.044	1460.0	20.0	2.273



Temperatura interioara

20 °C

Umiditatea interioara

60 %

Temperatura exterioara

-10 °C

Umiditatea exterioara

90 %

Nume element

Pardoseala peste gol

Coefficientul de transfer de caldura

0.31 W/(m²·K)

Descriere

Sensul de curgere

Jos

Tipul structurii

PG

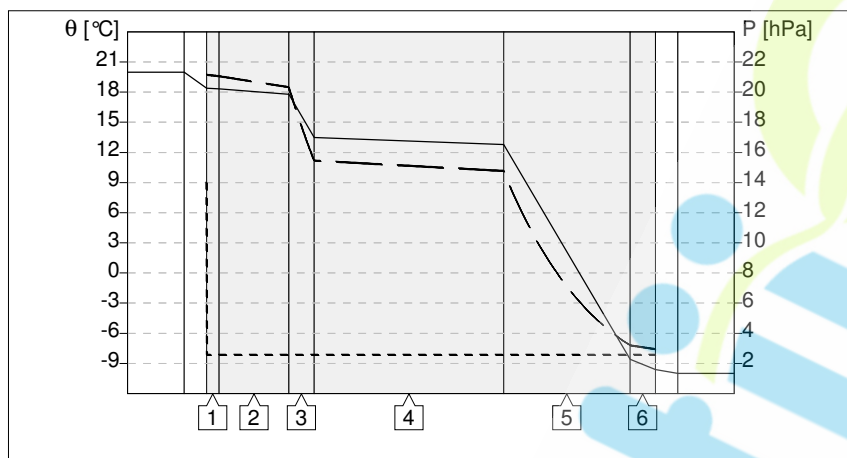
Rez. term. (ext.)

0.040 (m²·K)/W

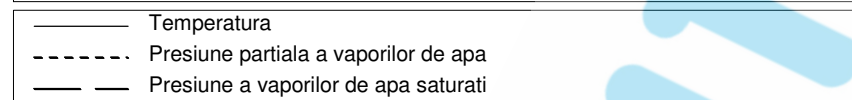
Rez. term. (int.)

0.170 (m²·K)/W

Materialul stratului	d [mm]	λ [W/(m·K)]	Cp [J/(kg·K)]	ρ [kg/m ³]	R [(m ² ·K)/W]
Placi (altele) - ceramica/portelan (SR-EN 12524)	10	1.300	840.0	2300.0	0.008
Mortar de ciment - 1800	55	0.930	840.0	1800.0	0.059
Polistiren celular	20	0.044	1460.0	20.0	0.455
Beton armat - 2600	150	2.030	840.0	2600.0	0.074
Polistiren celular	100	0.044	1460.0	20.0	2.273
Lemn 700 (SR-EN 12524)	20	0.180	1600.0	700.0	0.111



Strat de aer adiacent peretelui
1. Placi (altele) - ceramica/portelan (SR-EN 1...
2. Mortar de ciment - 1800
3. Polistiren celular
4. Beton armat - 2600
5. Polistiren celular
6. Lemn 700 (SR-EN 12524)
Strat de aer adiacent peretelui



Temperatura interioara

20 °C

Umiditatea interioara

60 %

Temperatura exterioara

-10 °C

Umiditatea exterioara

90 %