

LANGUAGE
RO

ISOLITE

ISOLITE ROOF
ISOLITE WALL
ELEMENTE TRANSLUCIDE DIN POLICARBONAT ALVEOLAR

M

PART OF
MANNI
GROUP



ISOPAN

INSULATING DESIGN

Isolite Roof

ISOLITE ROOF sunt placi alveolare, cu o structura interioara tip multi-pereti, proiectat pentru utilizarea la acoperisuri, in completarea panourilor sandwich sau a tablelor cutate Isopan. Se utilizeaza la spatiile ce au nevoie de una sau mai multe zone de lumina. Sunt indicate in mod special pentru restaurarea spatiilor industriale, pentru realizarea acoperisurilor tip coama/jgheab si pentru realizarea de luminatoare.

PROPRIETATI MECANICE

Placile ISOLITE ROOF sunt propuse intr-un format structural optim si practic, dezvoltat pentru a se imbrina cu profilul panourilor cutate Isopan. Sectiunea permite obtinerea de valori ridicate ale portantei. Calitatea functionala a sistemului permite integrarea de accesorii complementare.

PROPRIETATI OPTICE

Cercetarea si alegerea materiei prime folosita in procesul de productie cat si controlul calitatii permit asigurarea unui comportament optim in timp in ceea ce priveste transferul de lumina..

IZOLAMENT TERMIC SI ACUSTIC

Datorita structurii multicamerala, ISOLITE ROOF obtine valori ridicate de izolatia termica si acustica, contribuind astfel la economia de energie a sistemului constructiv..

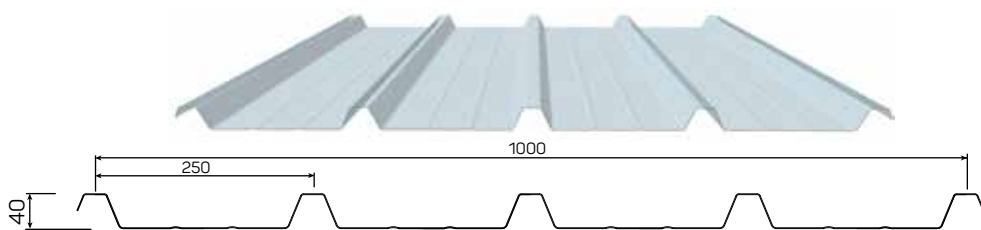
COMPORTAMENT LA CONDITIILE DE MEDIU

Placile de ISOLITE ROOF sunt protejate impotriva actiunii degradante a razelor UV. Aceasta protectie este asigurata prin aplicarea, in procesul de extrudare, a unui tratament special ce ofera o calitate optica, mecanica si comportamentala optima in timp. Inchiderea la cald a alveolelor, prin intermediul unei termo-suduri la extremitatile placii, efectuata cu echipamente de inalta tehnologie, reduce posibilitatea formarii de condens si aparitia de impuritati in interiorul alveolelor.

DISPONIBILITATI

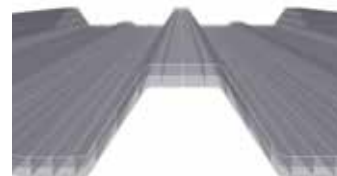
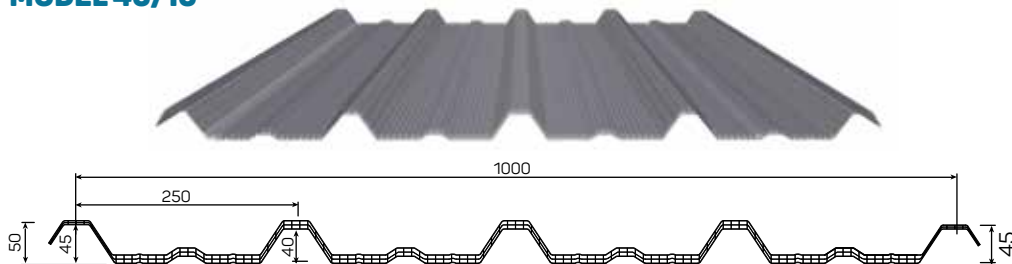
Caracteristici	U.m.	40/1	40/10	40/25	80/10
Grosime	mm	1	10	25	10
Structura	tipo	compact	3 Pereti (2 camere)	6 Pereti (5 camere)	3 Pereti (2 camere)
Latime	mm	1000	1000	1000	1000
Lungime placa	mm	la masura	la masura	la masura	la masura
Pasul cutei	mm	250	250	250	250
Inaltime sub cuta		40	40	40	80
Culoare	-	Neutru, Opac	Neutru, Opac	Neutru, Opac	Neutru, Opac
Trasmitenta termica (U)	W/m ² K	-	2,8	1,4	2,7
Temperatura de utilizare	°C	-	-40 / +130	-30 / +120	-40 / +130
Dilatate termica	mm/m°C	0,065	0,065	0,065	0,065
Transmisie luminoasa cristal (LT) translucid	%	-	72	-	66
Transmisie luminoasa opac (LT) traslucid	%	-	60	-	49
Protectie U.V.	Da/Nu	-	Da	Da	Da

MODEL 40/1



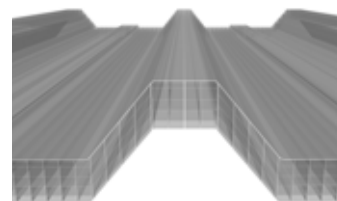
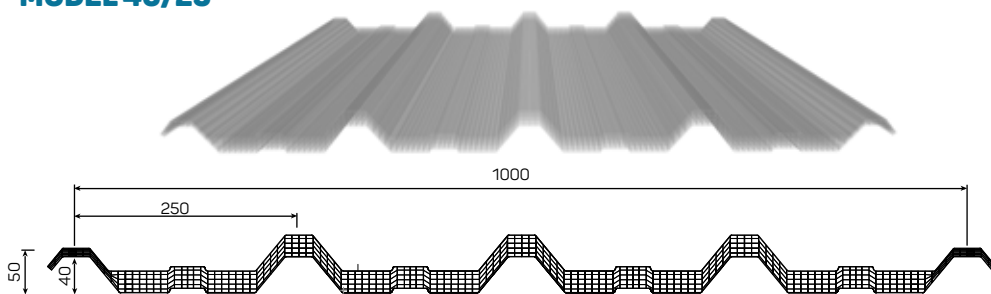
Structura:
Policarbonat compact
Sp. 1 mm

MODEL 40/10



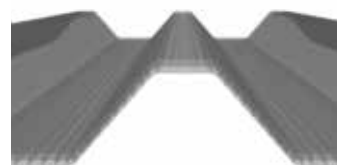
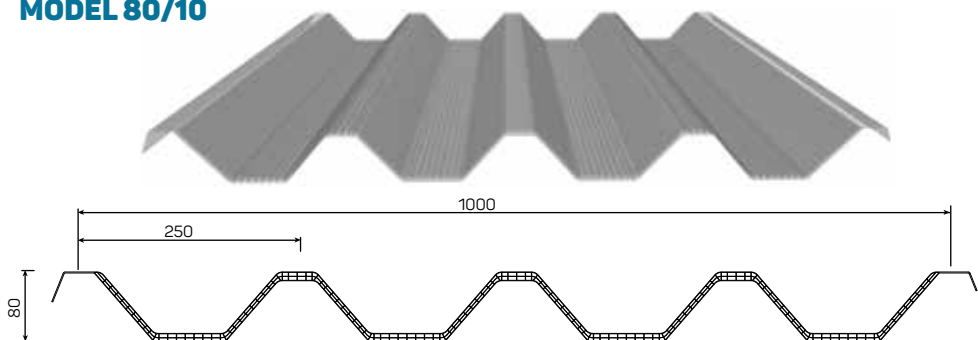
Structura:
3 pereti (2 camere)

MODEL 40/25



Structura:
6 pereti (5 camere)

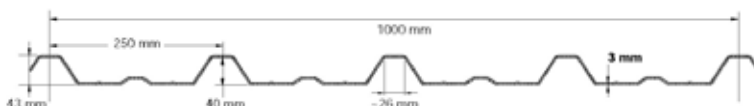
MODEL 80/10



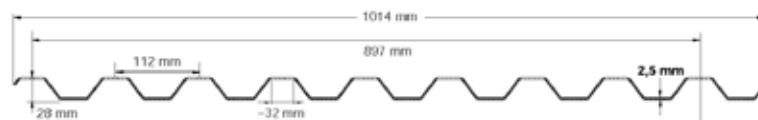
Structura:
3 pereti (2 camere)
La cerere se poate furniza
modelul curbat.

ALTE VERSIUNI SUNT DISPONIBILE LA CERERE (NU E GARANTATA DISPONIBILITATEA IN STOC)

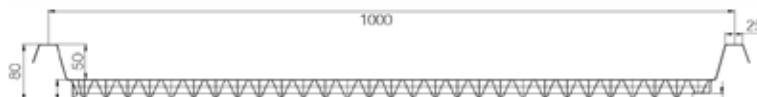
MODEL 40/3



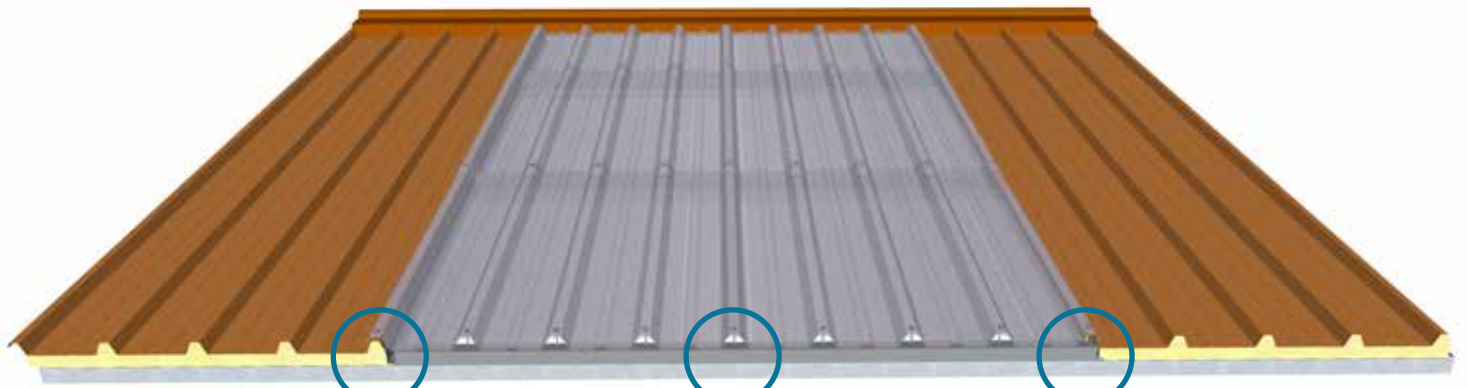
MODEL 28/2.5



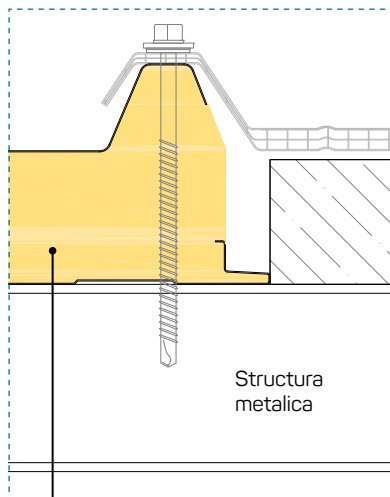
MODEL Piana/30 & Piana/40



Aplicatii

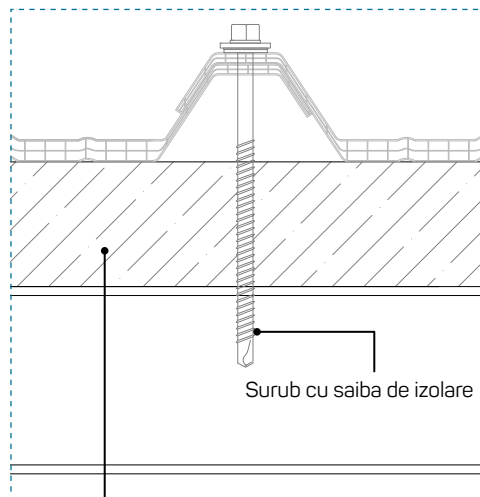


Dett. A



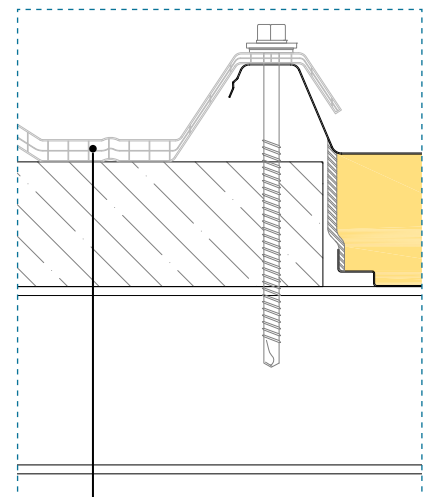
Panou de acoperis ISOPAN

Dett. B



Distantier suport - nu se livreaza

Dett. C



Element ISOLITE ROOF

Accesorii



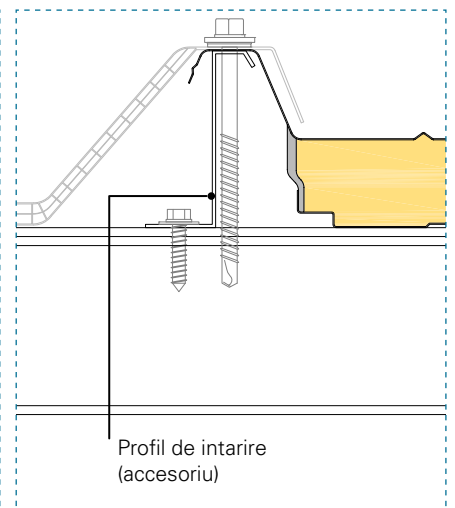
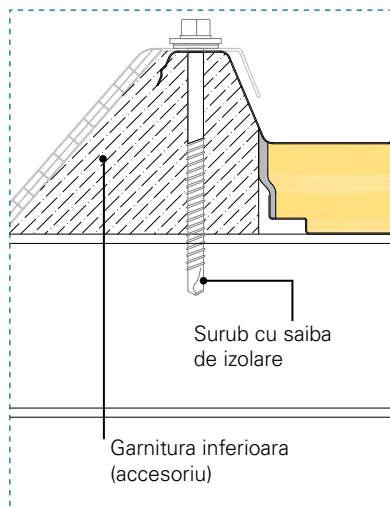
Garnitura superioara subcoama
ISOLITE ROOF 40/10, 40/25, 40/3

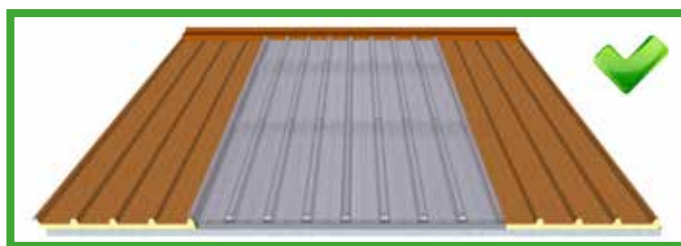


Garnitura inferioara, terminala
ISOLITE ROOF 40/10, 40/25, 40/3



Garnitura inferioara, terminala
ISOLITE ROOF 80/10





Exemplu de utilizare corecta



Exemplu de utilizare corecta



Exemplu de utilizare nerealizabila

*

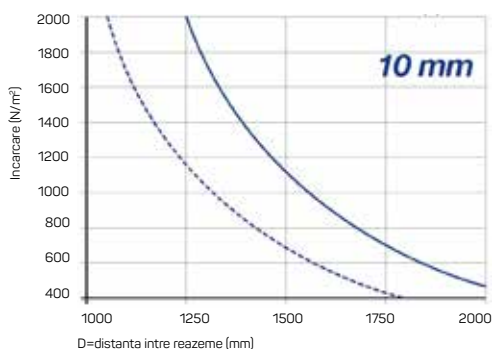


Exemplu de utilizare nerealizabila

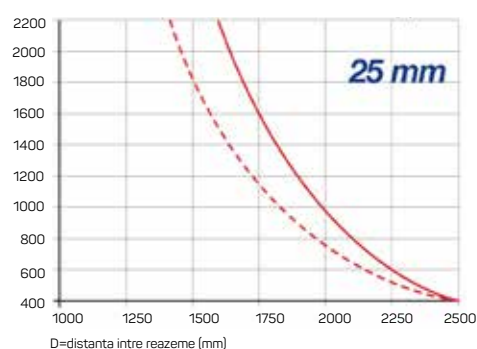
* Aplicare posibila doar cu policarbonatul compact ISOLITE 40/1

TABELE DE INCARCARI

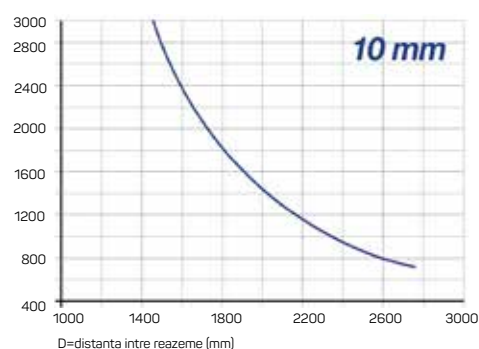
Model 40/10 - plan, 3 sau mai multe reazeme



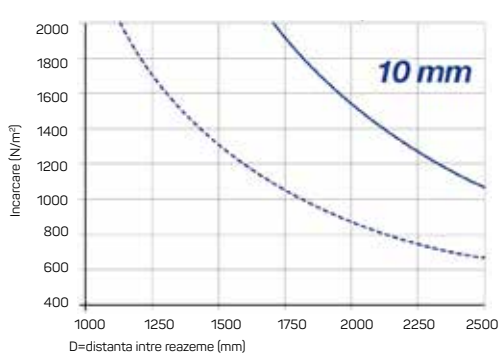
Model 40/25 - plan, 3 sau mai multe reazeme



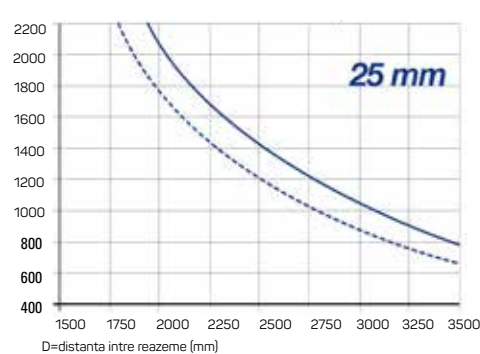
Model 80/10 - plan, 3 sau mai multe reazeme



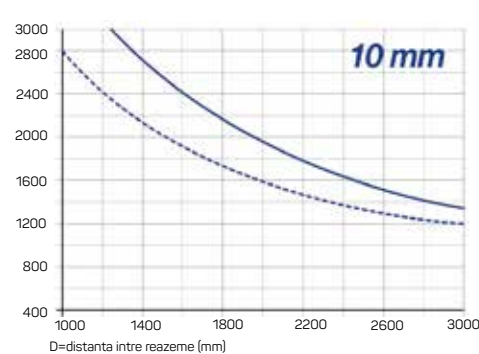
Model 40/10 - curb, 2 reazeme - R=3,5m



Model 40/25 - curb, 2 reazeme - R=3,5m



Model 80/10 - curb, 2 reazeme - R=3,5m



— Sageata limita D/50 - Aplicare simpla
 - - - Sageata limita D/50 - Aplicare continua

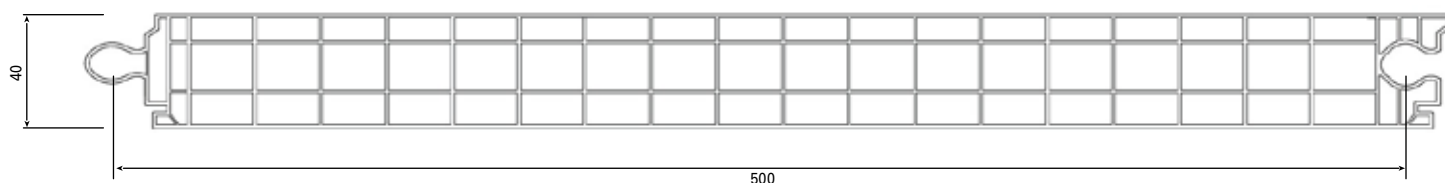
— Incovoiere maxima 50mm
 - - - Sageata limita D/50 între reazeme

Isolite Wall

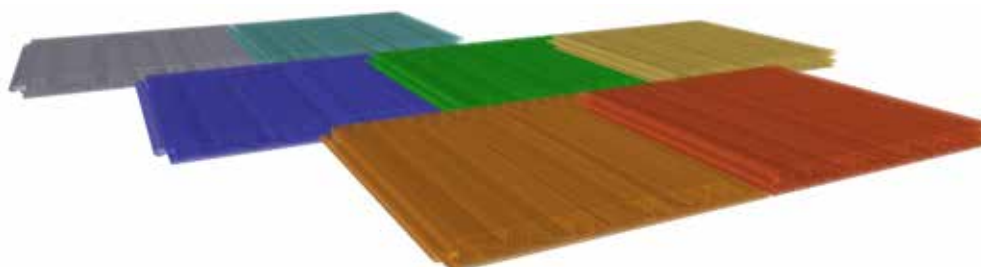
ISOLITE WALL este un sistem utilizat pentru aplicarea in pozitie verticala, acolo unde sunt cerinte de pereti cu zone translucide. Sistemul se compune din panouri extrudate din policarbonat alveolar, cu structura din 11 pereti. Grosimea de 40mm asigura o economie energetica, performanta structurala si flexibilitatea in utilizare, permitand realizarea de suprafete translucide de mari dimensiuni. Imbinarea panourilor este caracterizata de profile tip nut/feder pe fiecare latura, fixarea panourilor realizandu-se cu profile din aluminiu anodizat.

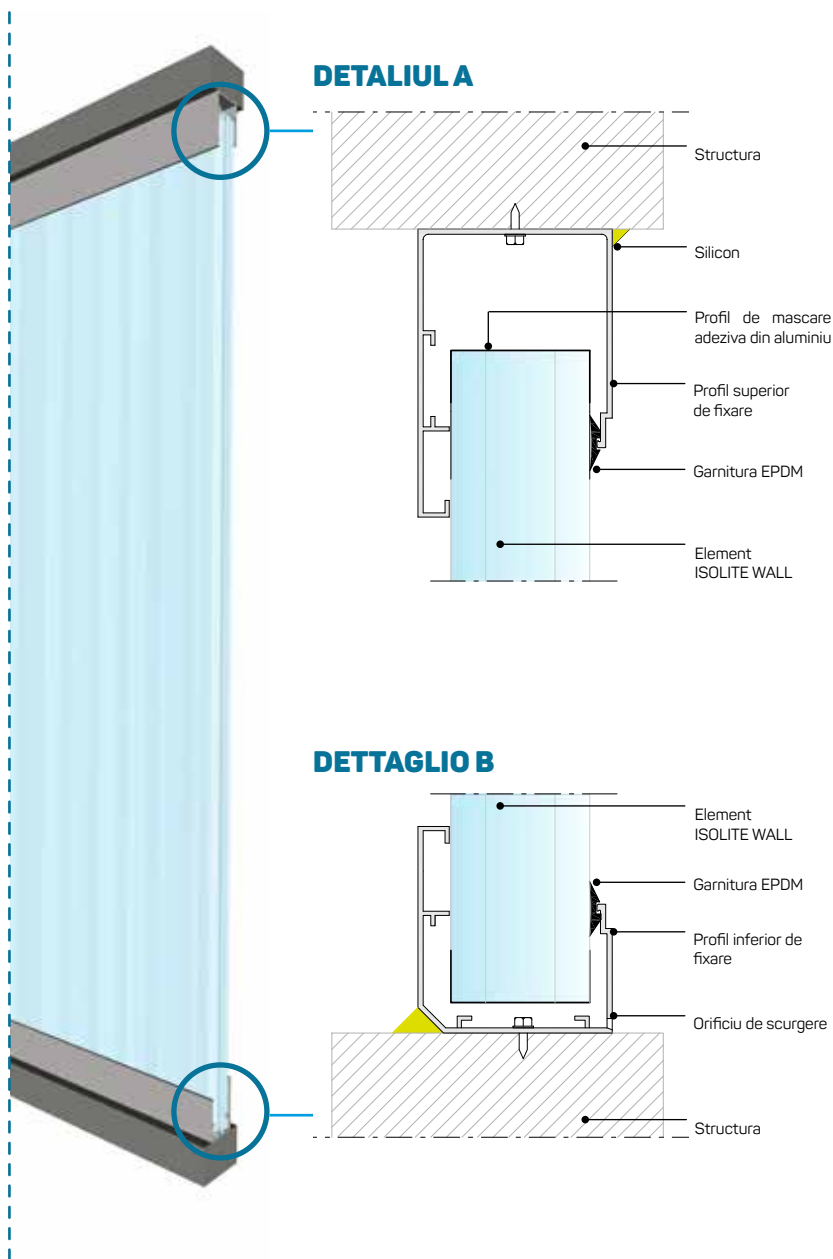
Caracteristici	U.m.	Isolite Wall 40/4
Numar de pereti	n°	4 (3 camere)
Grosime	mm	40
Latime	mm	528
Latime modul	mm	500
Lungime placa	mm	a misura
Trasmitenta termica	W/m ² K	1,5
Temperatura de utilizare	°C	-40 / +130
Dilatate termica	mm/m°C	0,065
Trasmisie luminoasa cristal (LT) translucid	%	74
Trasmisie luminoasa opac (LT) translucid	%	51
Protectie UV.	Si/No	Si
Etanseizat	Si/No	Si

MODEL 40/4

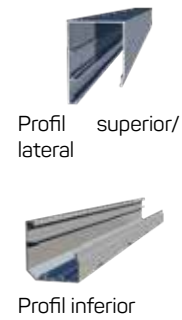


ISOLITE WALL poate fi furnizat intr-o vasta paleta de culori pentru a putea fi adaptat la cerintele estetice ale proiectului sau pentru a crea un efect optic elegant si de valoare.





PROFILE PERIMETRALE



PROFIL PERIMTERAL CU RUPERE TERMICA

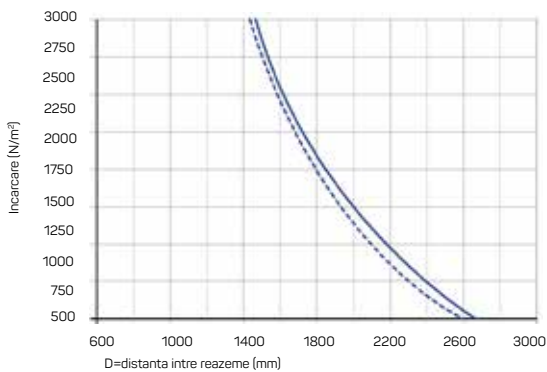


ACCESSORI



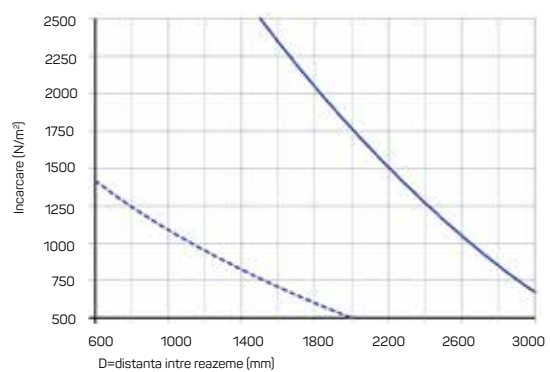
TABEL DE INCARCARE

Model 40/4 - 2 reazeme



— Presiune
- - - Depresiune

Model 40/4 - 3 sau mai multe reazeme



— Presiune
- - - Depresiune



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