



isolDesign
soluzioni acustiche

Finland
Catalogo prodotto

DESCRIZIONE

Finalnd di IsolDesign è un rivestimento a parete o soffitto per la correzione acustica degli ambienti, costituito da pannelli fonoassorbenti in MDF (medium density fiberboard) e disponibili in due finiture: nobilitato o impiallacciato. I pannelli vengono microforati e fresati per garantire una fonoassorbenza elevata e per renderli visivamente leggeri e gradevoli, donando calore e accoglienza agli ambienti dove sono installati. Sono ideali per spazi pubblici che necessitano di armonia ed eleganza quali per esempiteatri, auditorium o cinema ma sono altrettanto adatti per contesti aziendali.



Finland

Rivestimento fonoassorbente a pannelli in MDF microforati e fresati.

Finitura

Sono disponibili due categorie di finiture superficiali: nobilitato e impiallacciato.

Pannello in MDF

Il pannello in MDF viene microforato nel retro e fresato nel fronte, al fine di elevare il grado di fonoassorbenza e renderlo esteticamente di design.



Materiale
MDF



Resistenza al fuoco
Euroclasse B-s2, d0



Pulizia
Panno umido e aspirapolvere



Applicazioni
Soffitto (sistema con orditura metallica)
Parete (sistema con orditura metallica)
Isola (orditura metallica)



SETTORI DI IMPIEGO



UTILIZZO
LOCALI PUBBLICI



UTILIZZO
LOCALI PRIVATI

I pannelli Finland possono essere installati esclusivamente in ambienti chiusi con serramenti montati e a temperatura costante compresa tra i 15° e i 25° C. Le lavorazioni di microforatura e fresatura eseguite sui pannelli, garantiscono ottime qualità acustiche, rendendoli ideali per ambienti spaziosi quali sale convegni, teatri, sale cinema o auditorium.

FINITURE

Personalizzazioni sulla verniciatura a tinta unita secondo le guide colori NCS o RAL o sul tema grafico.



VERNICIATURA

È possibile verniciare il pannello MDF grezzo con colori disponibili sulla guida colore.



Rovere Therm



Rovere Kind



Noce Glow



Ciliegio Hot



Acero Fade



Bianco Flat

NOBILITAZIONE STANDARD

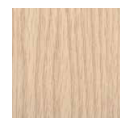
La nobilitazione consiste nel rivestimento del pannello con una pellicola decorativa stampata simil-legno.



Frassino



Ciliegio



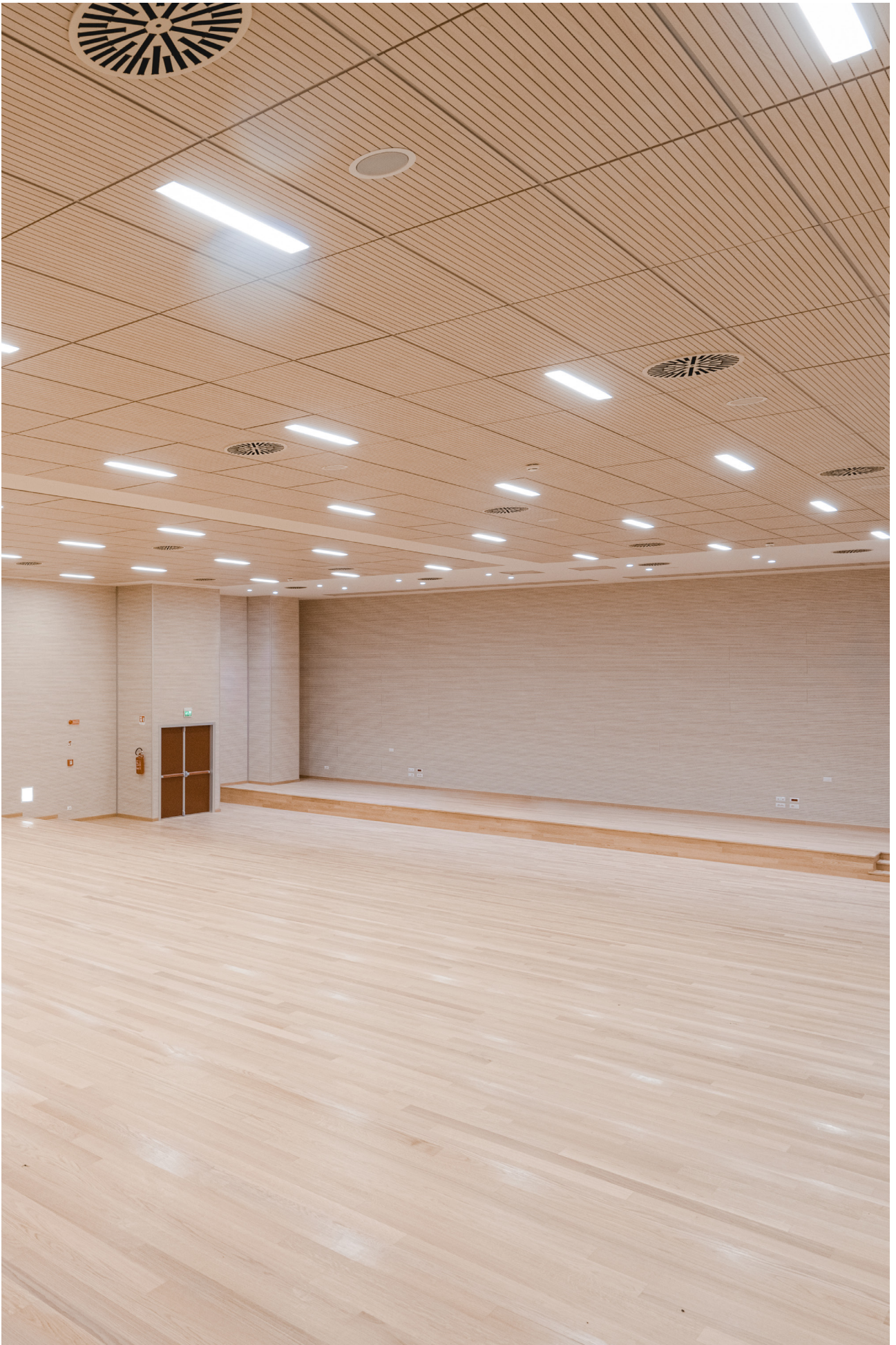
Rovere



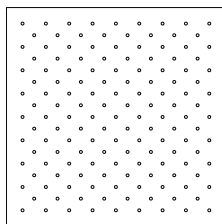
Wengè

IMPIALLACCIATURA

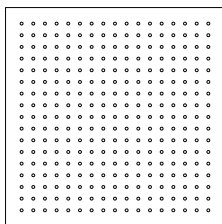
L'impiallacciatura consiste nel rivestimento del pannello con uno strato di legno naturale dello spessore di 0,6 mm.



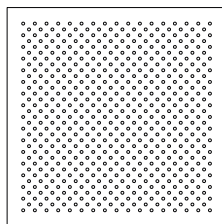
PATTERN PANNELLI FORATI



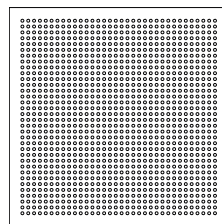
FORATO S1
 Fori passo 64mm diagonale
 Ø 6mm, area perforata 1,15%
 Ø 8mm, area perforata 1,15%



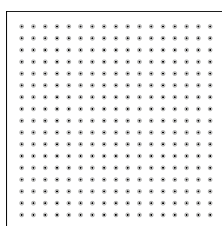
FORATO S2
 Fori passo 32mm parallelo
 Ø 6mm, area perforata 2,30%
 Ø 8mm, area perforata 5,35%



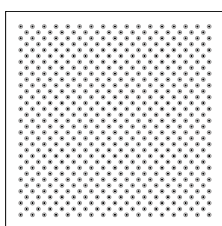
FORATO S3
 Fori passo 32 mm diagonale
 Ø 6 mm area perforata 4,30%
 Ø 8 mm area perforata 10,10%



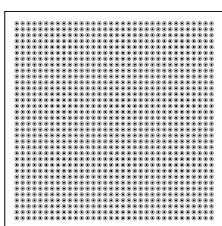
FORATO S4
 Fori passo 16 mm parallelo
 Ø 6 mm area perforata 9,10%
 Ø 8 mm area perforata 16,15%



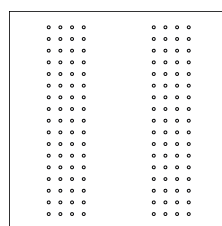
FORATO S2A
 Fori coassiali
 Ø 3/10 mm



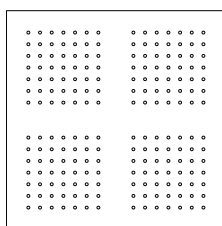
FORATO S3A
 Fori coassiali
 Ø 3/10 mm



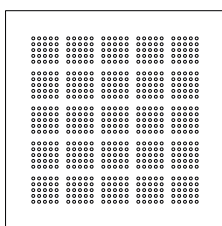
FORATO S4A
 Fori coassiali
 Ø 3/10 mm



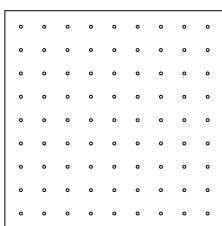
FORATO S5
 Foratura a disegno
 Ø 6 mm area perforata 1,10%
 Ø 8 mm area perforata 2,50%



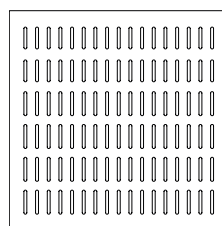
FORATO S6
 Foratura a disegno
 Ø 6 mm area perforata 2,00%
 Ø 8 mm area perforata 4,80%



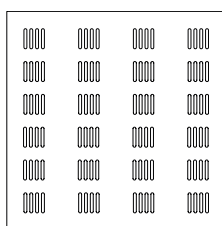
FORATO S7
 Foratura a disegno
 Ø 6 mm area perforata 4,90%
 Ø 8 mm area perforata 8,70%



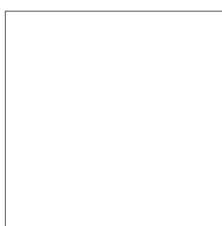
FORATO S9
 Fori passo 64 mm parallelo
 Ø 6 mm area perforata 0,65%
 Ø 8 mm area perforata 1,15%



ASOLATO L1
 Asole a disegno
 6x60 mm area aperta 10,00%
 8x60 mm area aperta 13,00%

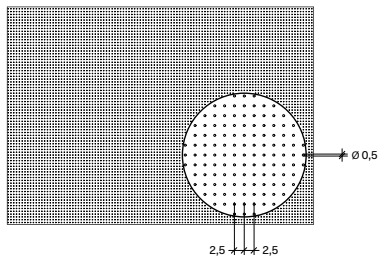


ASOLATO L2
 Asole a disegno
 6x55 mm area aperta 8,60%
 8x55 mm area aperta 11,50%

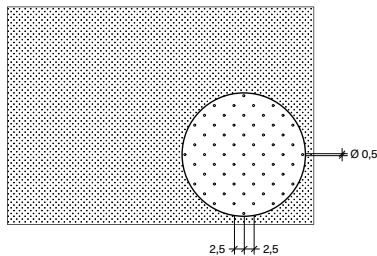


LISCIO
 Non forato

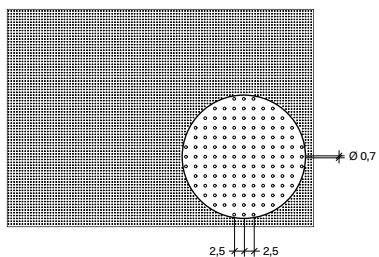
PATTERN PANNELLI MICROFORATI



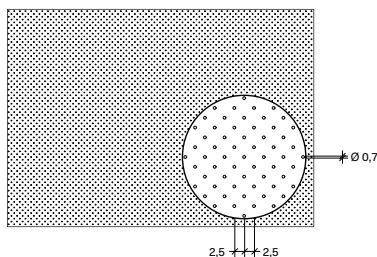
MICROFORATO M05/2.5/P
Fori Ø 0,5 mm passo 2,5 mm parallelo



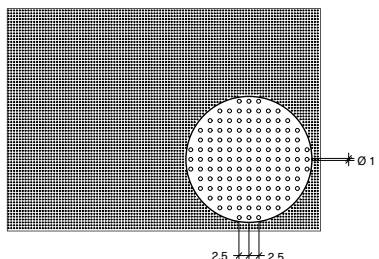
MICROFORATO M05/2.5/D
Fori Ø 0,5 mm passo 2,5 mm diagonale



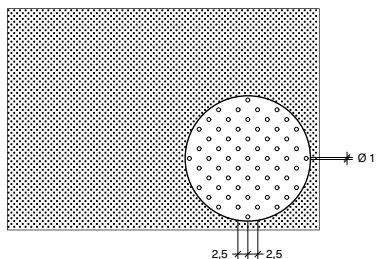
MICROFORATO M07/2.5/P
Fori Ø 0,7 mm passo 2,5 mm parallelo



MICROFORATO M07/2.5/D
Fori Ø 0,7 mm passo 2,5 mm diagonale



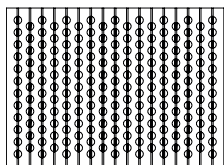
MICROFORATO M10/2.5/P
Fori Ø 1 mm passo 2,5 mm parallelo



MICROFORATO M10/2.5/D
Fori Ø 1 mm passo 2,5 mm diagonale



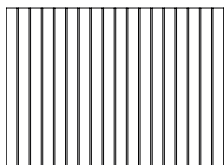
PATTERN PANNELLI FRESATI



DRT 14.2 a.a. 7,4%

Fronte
Fresato 2 mm passo 16 mm

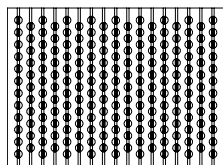
Retro
Forato 10mm passo 16x16 mm



DRT 14.2L a.a. 7,4%

Fronte
Fresato 2 mm passo 16 mm

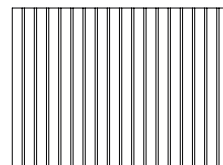
Retro
Non forato



DRT 13.3 a.a. 11%

Fronte
Fresato 3 mm passo 16 mm

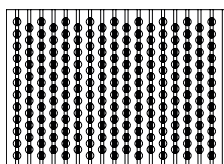
Retro
Forato 10mm passo 16x16 mm



DRT 13.3L a.a. 11%

Fronte
Fresato 3 mm passo 16 mm

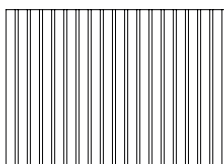
Retro
Non forato



DRT 12.4 a.a. 14,5%

Fronte
Fresato 4 mm passo 16 mm

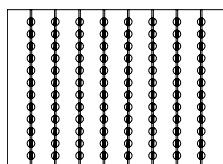
Retro
Forato 10mm passo 16x16 mm



DRT 12.4L a.a. 14,5%

Fronte
Fresato 4 mm passo 16 mm

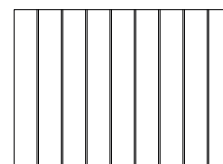
Retro
Non forato



DRT 30.2 a.a. 3,5%

Fronte
Fresato 2 mm passo 32 mm

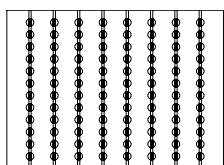
Retro
Forato 10mm passo 32x16 mm



DRT 30.2L a.a. 3,5%

Fronte
Fresato 2 mm passo 32 mm

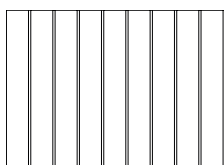
Retro
Non forato



DRT 29.3 a.a. 5,2%

Fronte
Fresato 3 mm passo 32 mm

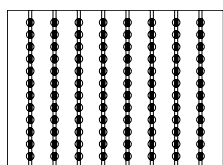
Retro
Forato 10mm passo 32x16 mm



DRT 29.3L a.a. 5,2%

Fronte
Fresato 3 mm passo 32 mm

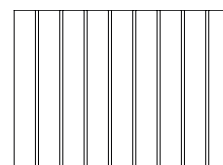
Retro
Non forato



DRT 28.4 a.a. 6,8%

Fronte
Fresato 4 mm passo 32 mm

Retro
Forato 10mm passo 32x16 mm

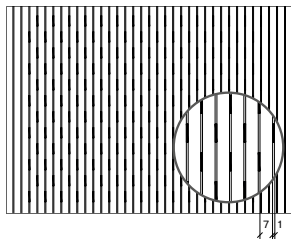


DRT 28.4L a.a. 6,8%

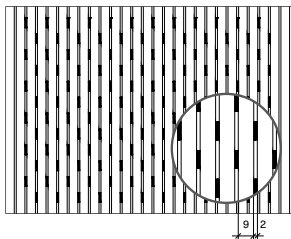
Fronte
Fresato 4 mm passo 32 mm

Retro
Non forato

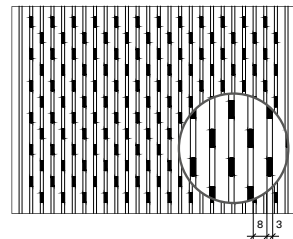
PATTERN PANNELLI FRESATI



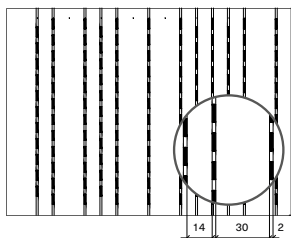
SF 7.1 NARROW
 Fresate 1 mm passo 8 mm
 Retro forato Ø 10 mm - Passo 16x8 mm



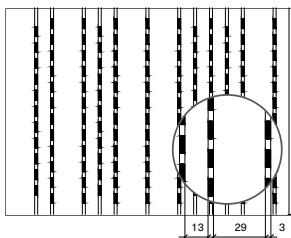
SF 9.2 NARROW
 Fresate 2 mm passo 11 mm
 Retro forato Ø 10 mm - Passo 16x11 mm



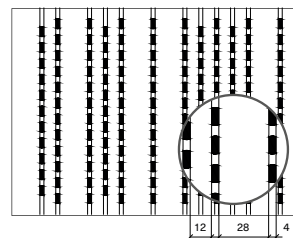
SF 8.3 NARROW
 Fresate 3 mm passo 11 mm
 Retro forato Ø 10 mm - Passo 16x11 mm



SF 14.30.2 MIXED
 Fresate 2 mm passo 16/32 mm random
 Retro forato Ø 10 mm - Passo 32/16x16 mm



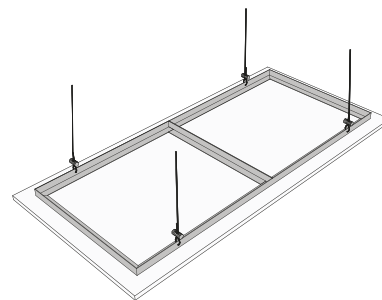
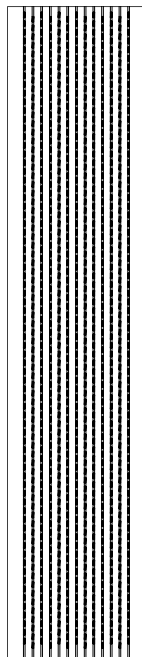
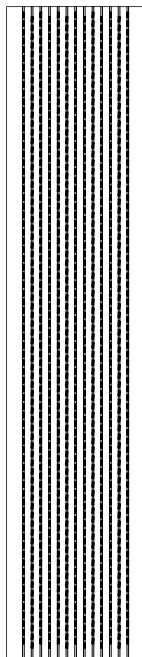
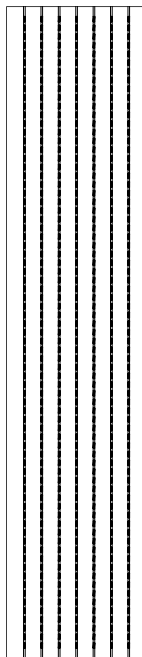
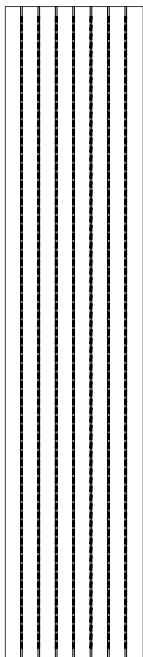
SF 13.29.3 MIXED
 Fresate 3 mm passo 16/32 mm random
 Retro forato Ø 10 mm - Passo 32/16x16 mm



SF 12.28.4 MIXED
 Fresate 4 mm passo 16/32 mm random
 Retro forato Ø 10 mm - Passo 32/16x16 mm

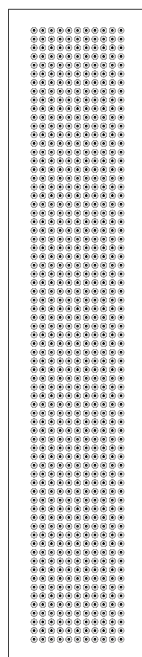
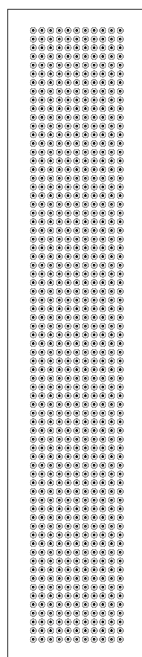
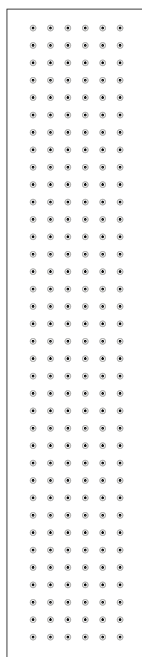
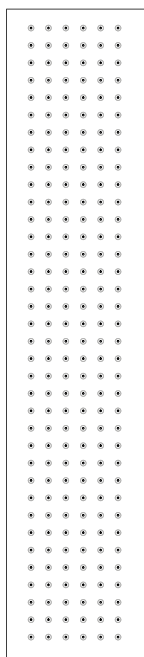


PATTERN ISOLA



IS 29.3
Fresate 3 mm passo 32 mm
Retro forato Ø 10 mm – Passo 32X16 mm

IS 13.3
Fresate 3 mm passo 16 mm
Retro forato Ø 10 mm – Passo 16X16 mm



IS 3.10/32
Forate passo 32 mm parallelo Ø 3+10 mm

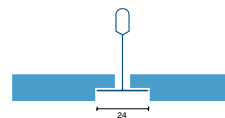
IS 3.10/16
Forate passo 16 mm parallelo Ø 3+10 mm



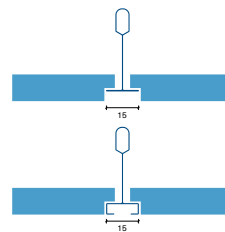
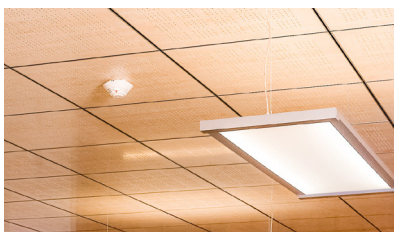
ORIDNATURA

Finland è un sistema di controsoffitto o rivestimento a parete con disponibili 5 tipologie di orditure metalliche.

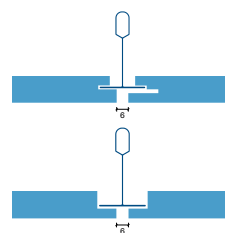
LAY-IN 24 CONTROSOFFITTO



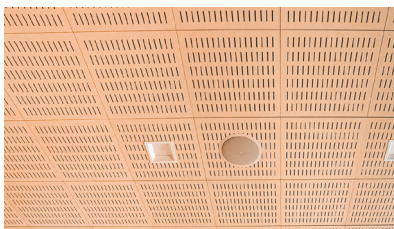
LAY-IN 15 CONTROSOFFITTO



SHADOW LINE CONTROSOFFITTO



HIDE-IN CONTROSOFFITTO



HIDE-IN RIVESTIMENTO A PARETE



DRT CONTROSOFFITTO E RIVESTIMENTO A PARETE





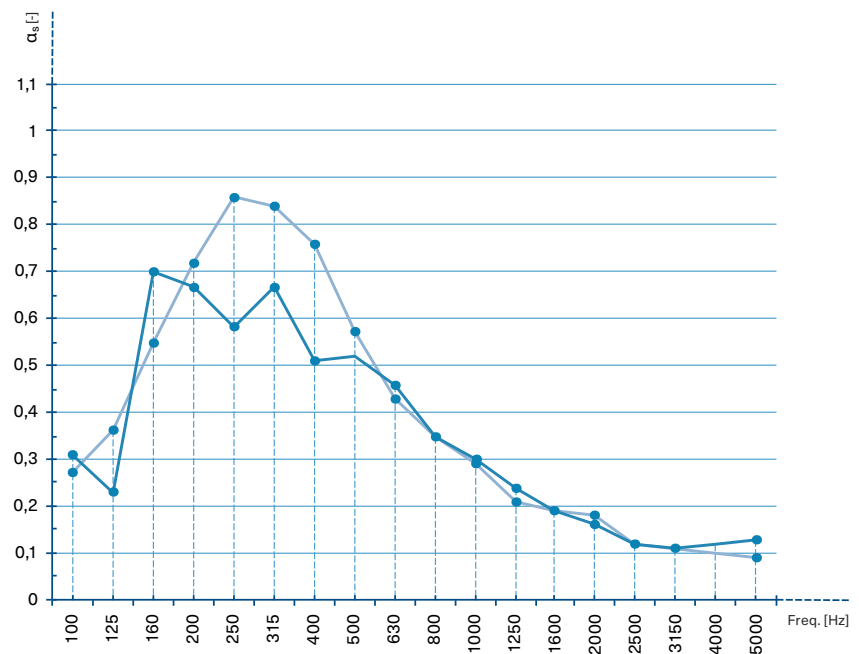
ASSORBIMENTO

COEFFICIENTE DI ASSORBIMENTO ACUSTICO PER SUPERFICIE CONTINUA PANNELLO MICROFORATO S2
 Fori Ø 8 mm – Area aperta 5,30% – Intercapedine con fibra di poliestere spessore 40 mm – Tessuto acustico sul retro.

Freq. [Hz]	α_{s1} [-]	α_{s2} [-]
100	0,27	0,31
125	0,36	0,23
160	0,55	0,70
200	0,72	0,67
250	0,86	0,58
315	0,84	0,67
400	0,76	0,51
500	0,57	0,52
630	0,43	0,46
800	0,35	0,35
1000	0,29	0,30
1250	0,21	0,24
1600	0,19	0,19
2000	0,18	0,16
2500	0,12	0,12
3150	0,11	0,11
4000	0,10	0,12
5000	0,09	0,13

Intercapedine 300 mm

Intercapedine 100 mm

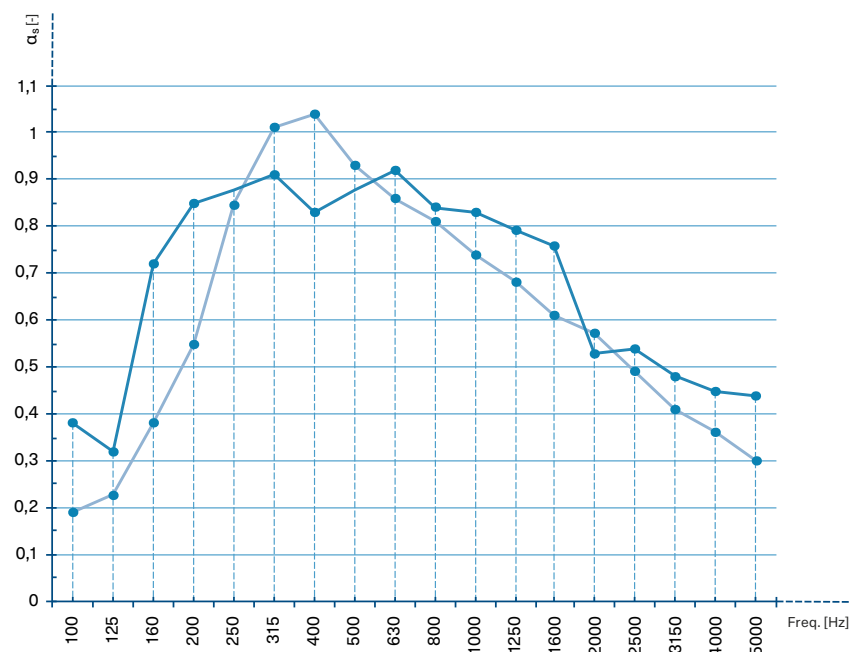


COEFFICIENTE DI ASSORBIMENTO ACUSTICO PER SUPERFICIE CONTINUA PANNELLO MICROFORATO S4
 Fori Ø 8 mm – Area aperta 16,10% – Intercapedine con fibra di poliestere spessore 40 mm – Tessuto acustico sul retro.

Freq. [Hz]	α_{s1} [-]	α_{s2} [-]
100	0,19	0,38
125	0,23	0,32
160	0,38	0,72
200	0,55	0,85
250	0,85	0,88
315	1,01	0,91
400	1,04	0,83
500	0,93	0,88
630	0,86	0,92
800	0,81	0,84
1000	0,74	0,83
1250	0,68	0,79
1600	0,61	0,76
2000	0,57	0,53
2500	0,49	0,54
3150	0,41	0,48
4000	0,36	0,45
5000	0,30	0,44

Intercapedine 300 mm

Intercapedine 100 mm



ASSORBIMENTO

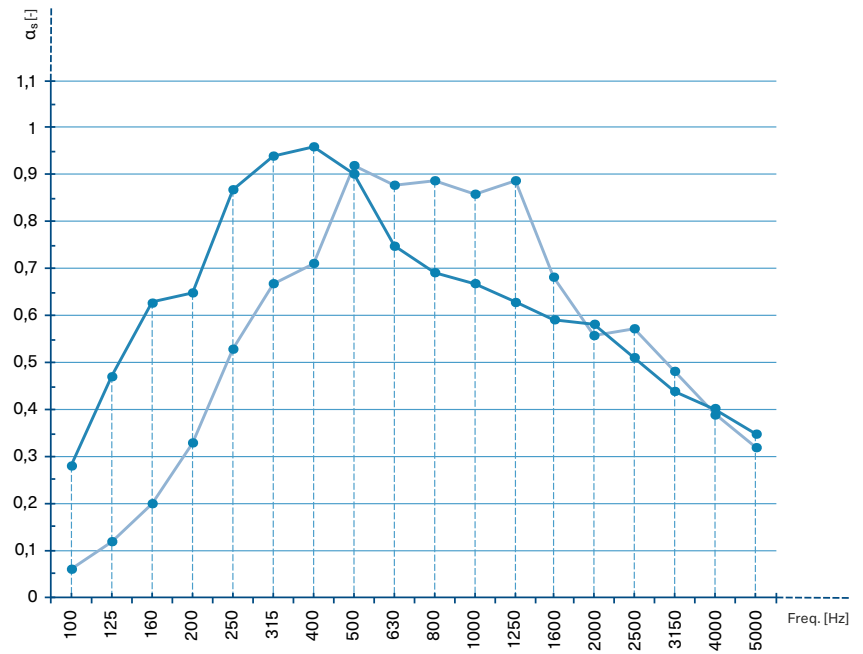
COEFFICIENTE DI ASSORBIMENTO ACUSTICO PER SUPERFICIE CONTINUA PANNELLO FRESATO DRT 30.2

Fresate 2 mm passo 32 mm – Area aperta 3,50% – Intercapedine con fibra di poliestere spessore 40 mm – Tessuto acustico sul retro.

Freq. [Hz]	α_{s1} [-]	α_{s2} [-]
100	0,06	0,28
125	0,12	0,47
160	0,20	0,63
200	0,33	0,65
250	0,53	0,87
315	0,67	0,94
400	0,71	0,96
500	0,92	0,90
630	0,88	0,75
800	0,89	0,69
1000	0,86	0,67
1250	0,89	0,63
1600	0,68	0,59
2000	0,56	0,58
2500	0,57	0,51
3150	0,48	0,44
4000	0,39	0,40
5000	0,32	0,35

Intercapedine 300 mm

Intercapedine 100 mm



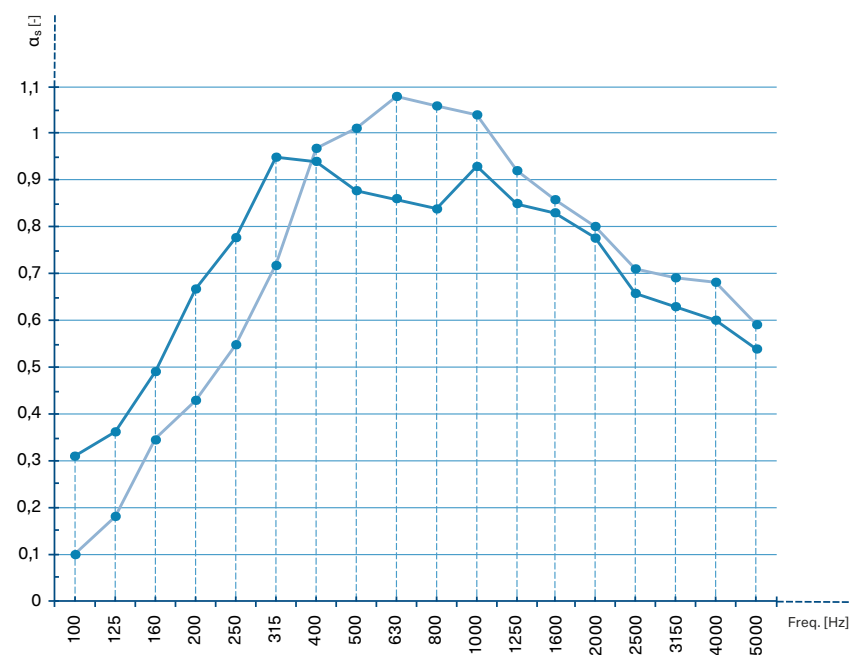
COEFFICIENTE DI ASSORBIMENTO ACUSTICO PER SUPERFICIE CONTINUA PANNELLO FRESATO DRT 13.3

Fresate 3 mm passo 16 mm – Area aperta 11,00% – Intercapedine con fibra di poliestere spessore 40 mm – Tessuto acustico sul retro.

Freq. [Hz]	α_{s1} [-]	α_{s2} [-]
100	0,10	0,31
125	0,18	0,36
160	0,35	0,49
200	0,43	0,67
250	0,55	0,78
315	0,72	0,95
400	0,97	0,94
500	1,01	0,88
630	1,08	0,86
800	1,06	0,84
1000	1,04	0,93
1250	0,92	0,85
1600	0,86	0,83
2000	0,80	0,78
2500	0,71	0,66
3150	0,69	0,63
4000	0,68	0,60
5000	0,59	0,54

Intercapedine 300 mm

Intercapedine 100 mm



VISITA IL NOSTRO SITO

www.isoldesign.com