

Wood ceilings

WOOD ISOLA 600-601



CBI
EUROPE
HI-TECH INTERIORS

WOOD ISOLA 600 SYSTEM



100%
INSPECTABLE
ISPEZIONABILE



FIRE REACTION
REAZIONE AL FUOCO
B-s2, d0



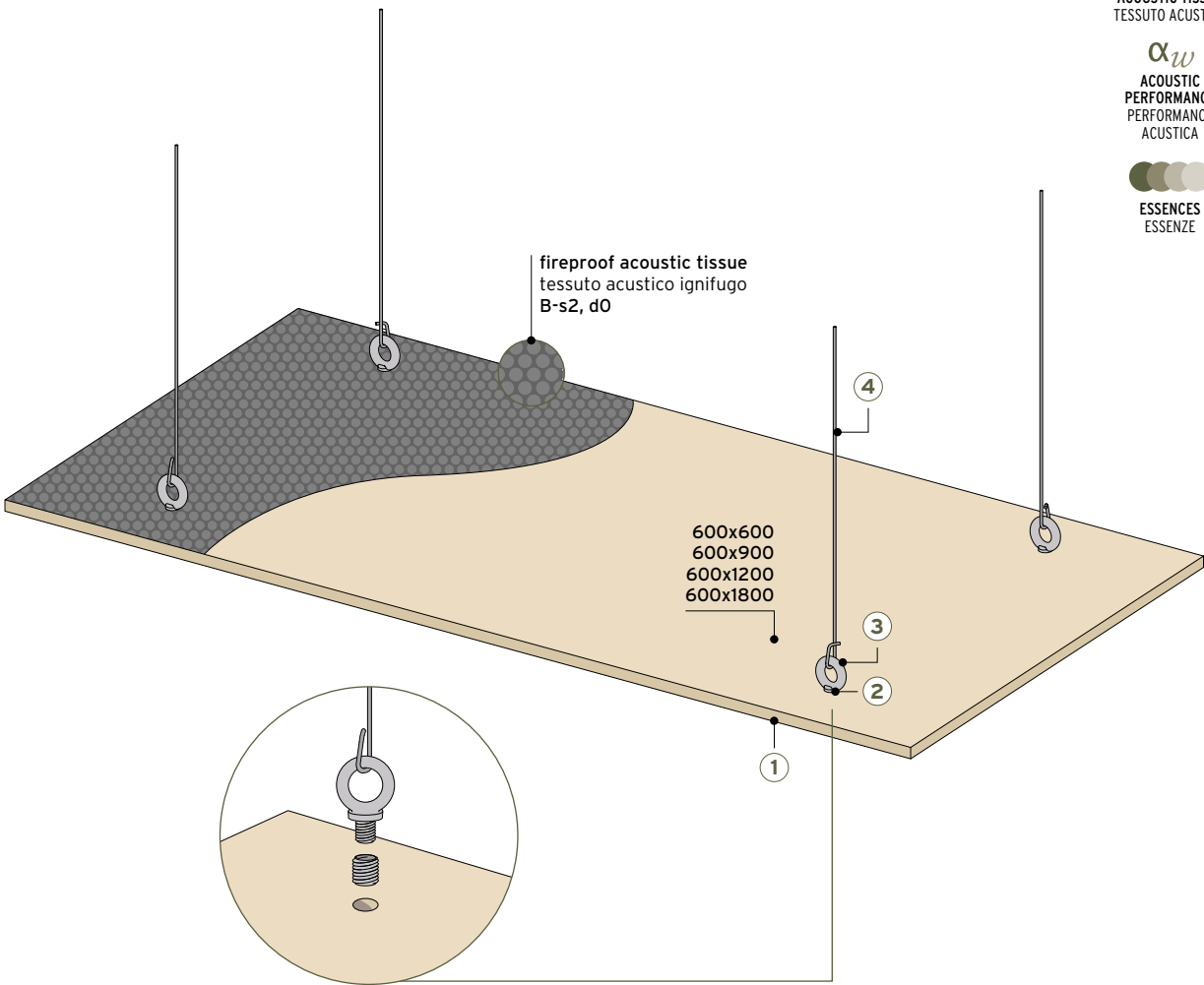
ACOUSTIC TISSUE
TESSUTO ACUSTICO

α_w

ACOUSTIC
PERFORMANCE
PERFORMANCE
ACUSTICA

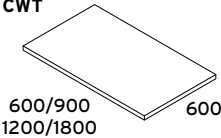


ESSENCES
ESSENZE



panel pannello

CWT



type
tipo

**MICRO PLUS
SOUND WOOD
SHERWOOD**

melamine faced MDF panel, B-s2,d0 pannello in
MDF alta densità B-s2, d0
nobilitato melaminico

dimensions
dimensioni

600 x 600 mm
600 x 900 mm
600 x 1200 mm
600 x 1800 mm

incidence
incidenza

2.78 pcs/mq
1.85 pcs/mq
1.40 pcs/mq
0.93 pcs/mq



6 pcs
6 pcs
6 pcs
6 pcs

① panel
pannello

② threaded bushing
boccola filettata

③ ring bolt
anello di fissaggio

④ adjustable hanger
pendino regolabile

WOOD ISOLA 601 SYSTEM



100%
INSPECTABLE
ISPEZIONABILE



FIRE REACTION
REAZIONE AL FUOCO
B-s2, d0



ACOUSTIC KIT
KIT ACUSTICO

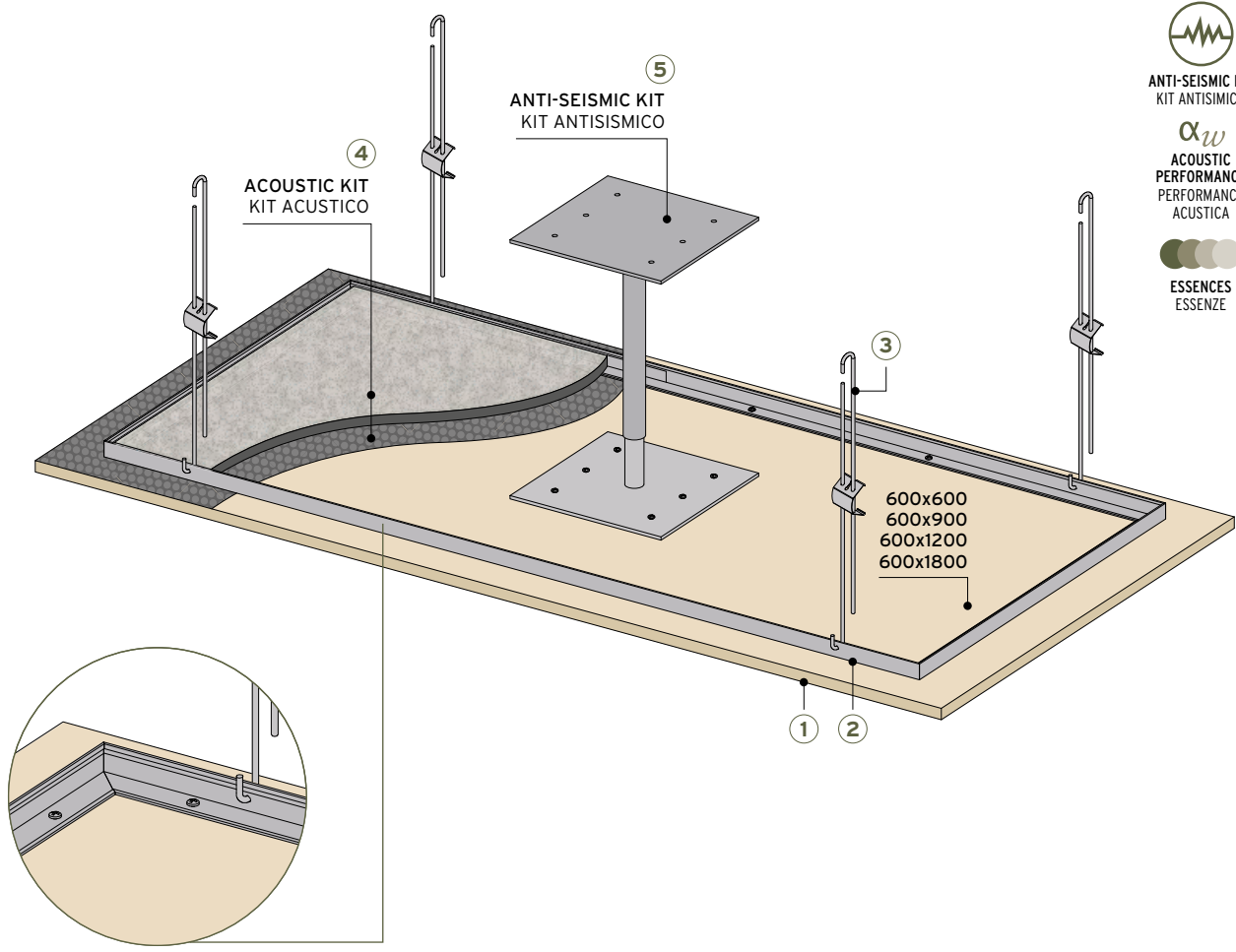


ANTI-SEISMIC KIT
KIT ANTISMICO

α_w
ACOUSTIC
PERFORMANCE
PERFORMANCE
ACUSTICA

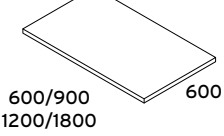


ESSENCES
ESSENZE



panel pannello

CWT

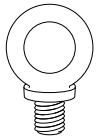
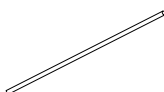


600/900
1200/1800

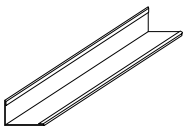
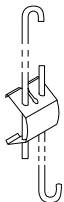
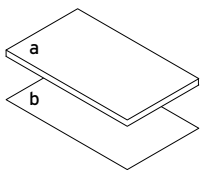
type tipo	dimensions dimensioni	incidence incidenza	
MICRO PLUS SOUND WOOD SHERWOOD melamine faced MDF panel, B-s2,d0 pannello in MDF alta densità B-s2, d0 nobilitato melaminico	600 x 600 mm	2.78 pcs/mq	6 pcs
	600 x 900 mm	1.85 pcs/mq	6 pcs
	600 x 1200 mm	1.40 pcs/mq	6 pcs
	600 x 1800 mm	0.93 pcs/mq	6 pcs

- 1 panel pannello
- 2 angle trim angolare perimetrale
- 3 adjustable hanger pendino regolabile
- 4 acoustic kit kit acustico
- 5 on request: anti-seismic kit a richiesta: kit antisismico

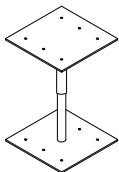
WOOD ISOLA 600

code codice		description descrizione	type tipo	incidence incidenza
WRB600		ring bolt anello di fissaggio	steel acciaio	4 pcs/isola
②				
WTB600		threaded bushing boccola filettata	steel acciaio	4 pcs/isola
③				
SOR600		adjustable hanger pendino regolabile	steel acciaio	4 pcs/isola
④				

WOOD ISOLA 601

code codice		description descrizione	type tipo	incidence incidenza
A40/40		angle trim angolare perimetrale	steel acciaio	-
②				
SOR601		adjustable hanger pendino regolabile	steel acciaio	4 pcs/isola
③				
TB2830		ACOUSTIC KIT KIT ACUSTICO	a. black flame-resistant polyester fibre tk 28 mm · 40 kg/m2 · B-s2, d0 b. fireproof acoustic tissue B-s2, d0 a. fibra poliestere ignifuga nera sp 28 mm · 40 kg/m2 · B-s2, d0 b. tessuto acustico ignifugo B-s2, d0	-
④				

on request: **ANTI-SEISMIC KIT** - a richiesta: KIT ANTISISMICO

WIF601		ANTI-SEISMIC KIT KIT ANTISISMICO	steel acciaio	1 pcs/isola
⑤				

ESSENCES *ESSENZE*

MELAMINE *NOBILITATO MELAMINICO* > **14 mm** > **B-s2-d0**



oak rock white · *rovere rock bianco*



oak italia · *rovere italia*



oak bruges · *rovere bruges*



elm tafira · *olmo tafira*



walnut athens · *noce athens*



bavaria beech · *faggio bavaria*

> **16 mm** > **B-s1-d0**



white · *bianco*



walnut italia · *noce italia*

The colour card shown on this page is purely for information purposes; please request samples. Please contact CBI Europe's Technical Office for special colour

requirements which will be supplied only for orders of at least 400 sq.m. Wood system accessories are finished in aluminium or wood.

MICRO PLUS

ACOUSTIC PERFORMANCE PERFORMANCE ACUSTICA



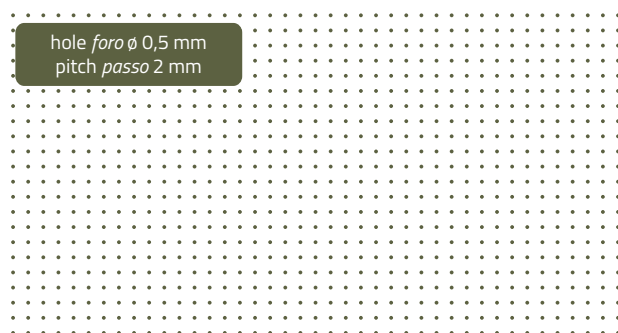
microperforation

melamine faced chipboard *nobilizzato melaminico*

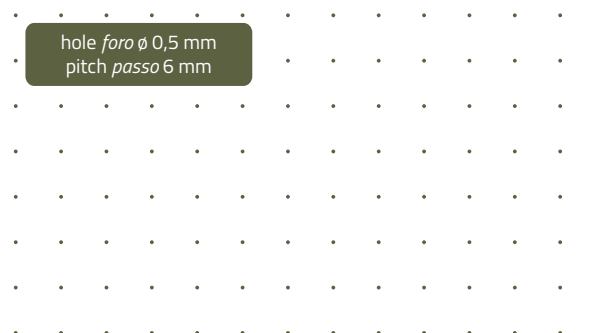
high density MDF panel *pannello in MDF alta densità*

acoustic tissue *tessuto fonoassorbente*

real size of the microperforation *dimensione reale della microforatura*



hole foro $\varnothing$ 0,5 mm
pitch passo 2 mm

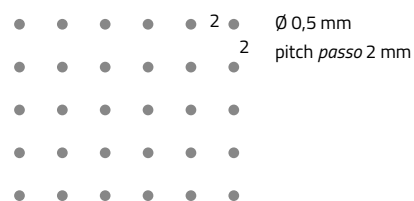


hole foro $\varnothing$ 0,5 mm
pitch passo 6 mm

test: Marvin Acustica · metodo UNI EN ISO 10534-2

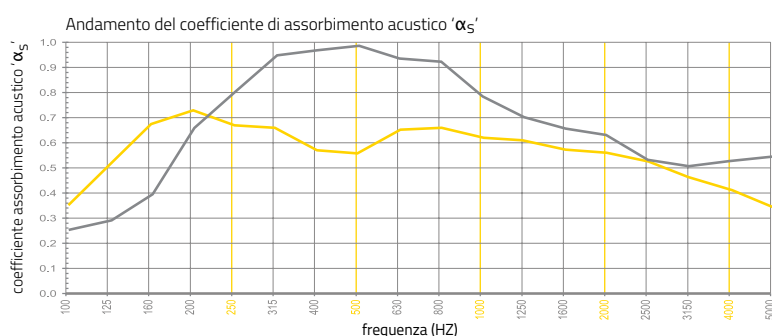
● ceiling *controsoffitto* ● covering *rivestimento*

SUPREME MICRO PLUS

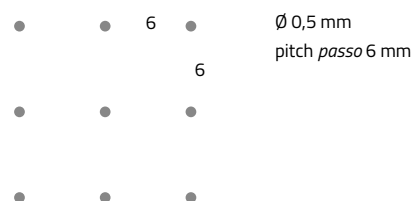


$\varnothing$ 0,5 mm
pitch passo 2 mm

hz	250	500	1000	2000	4000	
α_p	0,67	0,56	0,66	0,56	0,41	$\alpha_w = 0,55$
	0,80	0,95	0,80	0,60	0,50	$\alpha_w = 0,65$

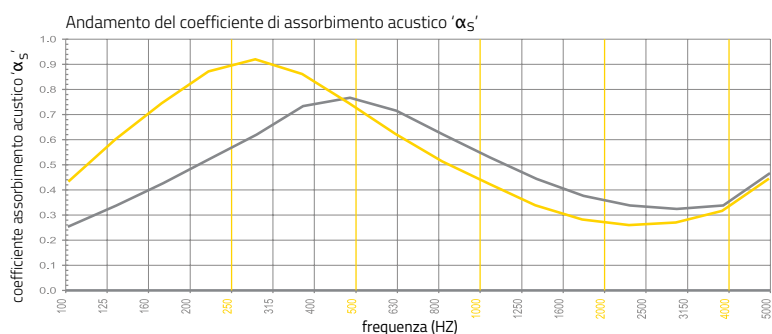


MEDIUM MICRO PLUS



$\varnothing$ 0,5 mm
pitch passo 6 mm

hz	250	500	1000	2000	4000	
α_p	0,74	0,75	0,42	0,26	0,44	$\alpha_w = 0,54$
	0,52	0,77	0,53	0,34	0,47	$\alpha_w = 0,49$



SOUND WOOD

ACOUSTIC PERFORMANCE PERFORMANCE ACUSTICA

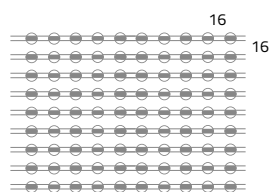


Each element incorporate a layer of sound absorbing material on the panelback.
Ogni elemento è comprensivo di uno strato di materiale fonoassorbente sul retro.

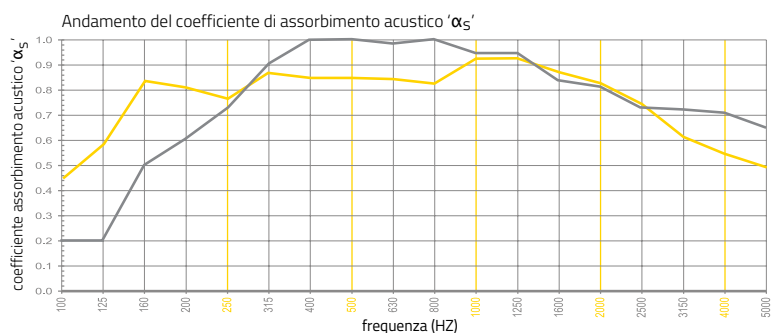
test: Istituto Giordano n° 196088
197140 UNI EN ISO 354: 2003

● ceiling *controsoffitto* ● covering *rivestimento*

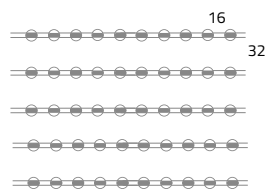
SUPREME SOUND WOOD 1616



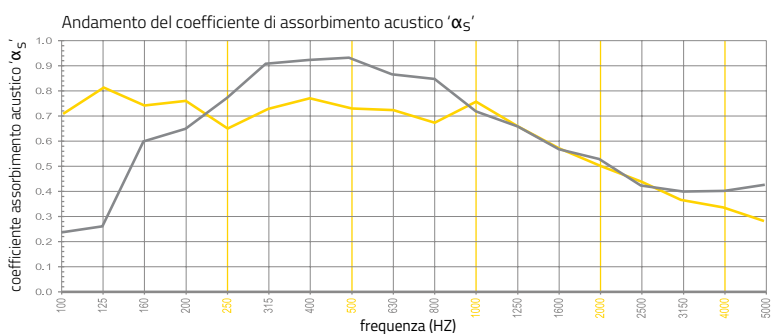
hz	250	500	1000	2000	4000	
α_p	0,80	0,85	0,90	0,80	0,55	$\alpha_w = 0,75$
	0,75	1,00	0,95	0,80	0,70	$\alpha_w = 0,85$



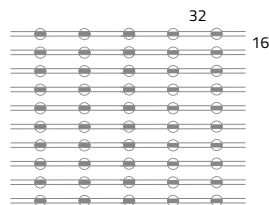
HIGH SOUND WOOD 3216



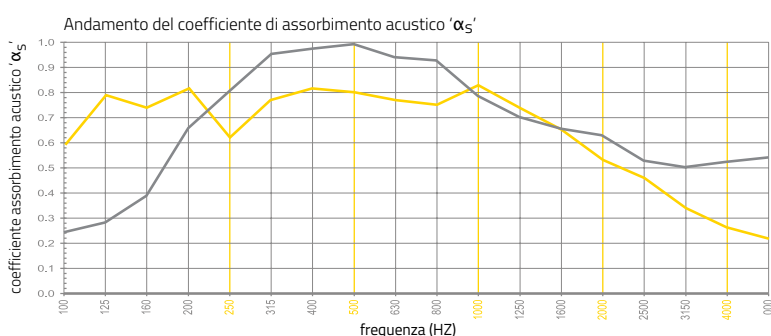
hz	250	500	1000	2000	4000	
α_p	0,70	0,75	0,70	0,50	0,35	$\alpha_w = 0,50$
	0,80	0,90	0,75	0,50	0,40	$\alpha_w = 0,55$



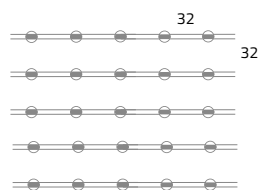
MEDIUM SOUND WOOD 1632



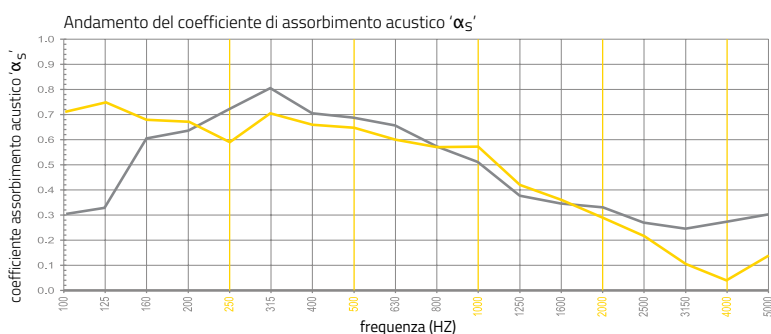
hz	250	500	1000	2000	4000	
α_p	0,75	0,80	0,75	0,55	0,25	$\alpha_w = 0,45$
	0,80	0,95	0,80	0,60	0,50	$\alpha_w = 0,65$



LIGHT SOUND WOOD 3232



hz	250	500	1000	2000	4000	
α_p	0,65	0,65	0,50	0,30	0,10	$\alpha_w = 0,30$
	0,70	0,70	0,50	0,30	0,30	$\alpha_w = 0,40$



SOUND WOOD

ACOUSTIC PERFORMANCE *PERFORMANCE ACUSTICA*



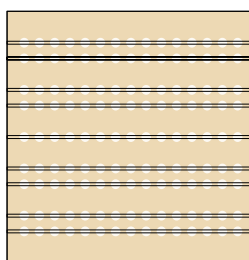
Each element incorporate a layer of sound absorbing material on the panelbacking.

Ogni elemento è comprensivo di uno strato di materiale fonoassorbente sul retro.

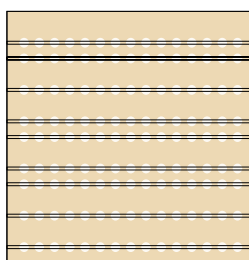
test: Marvin Acustica
metodo UNI EN ISO 10534-2

● ceiling *controsoffitto* ● covering *rivestimento*

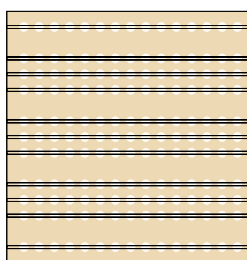
SOUND WOOD MULTILINE



TYPE A

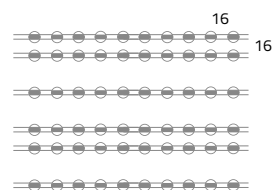


TYPE B

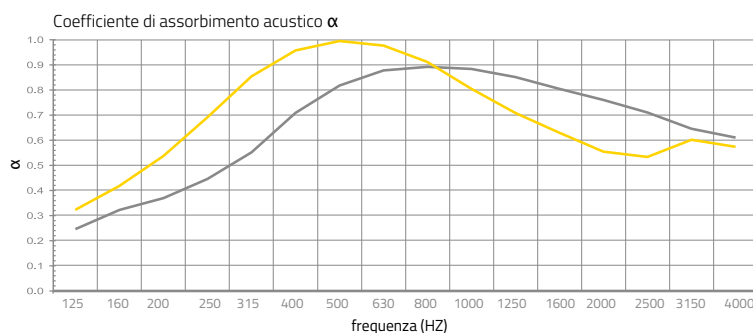


TYPE C

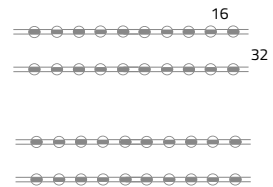
SOUND WOOD MULTILINE TYPE A



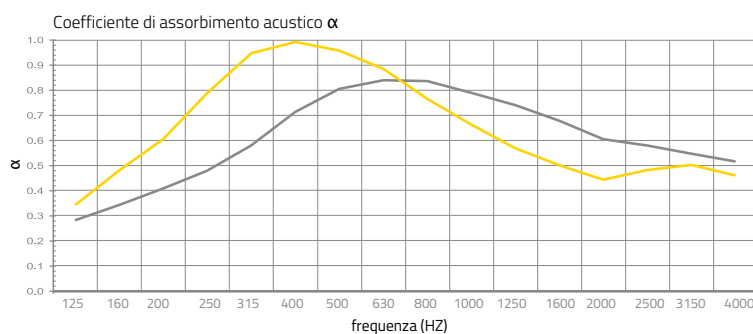
hz	250	500	1000	2000	4000	
α_p	0,69	1,00	0,81	0,55	0,57	$\alpha_w = 0,69$
	0,44	0,82	0,88	0,76	0,61	$\alpha_w = 0,67$



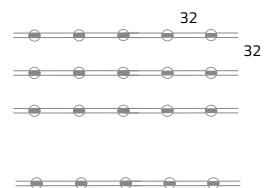
SOUND WOOD MULTILINE TYPE B



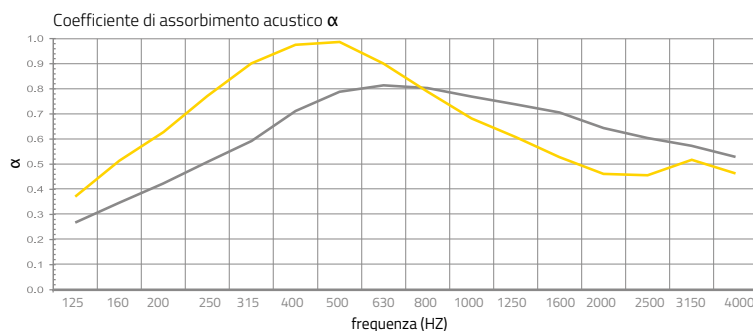
hz	250	500	1000	2000	4000	
α_p	0,79	0,96	0,66	0,44	0,46	$\alpha_w = 0,65$
	0,48	0,81	0,79	0,61	0,52	$\alpha_w = 0,61$



SOUND WOOD MULTILINE TYPE C



hz	250	500	1000	2000	4000	
α_p	0,37	0,99	0,68	0,46	0,46	$\alpha_w = 0,66$
	0,51	0,79	0,77	0,64	0,53	$\alpha_w = 0,61$



SHERWOOD

ACOUSTIC PERFORMANCE PERFORMANCE ACUSTICA

test: Istituto Giordano n° 196088
197140 UNI EN ISO 354: 2003

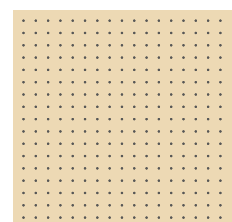
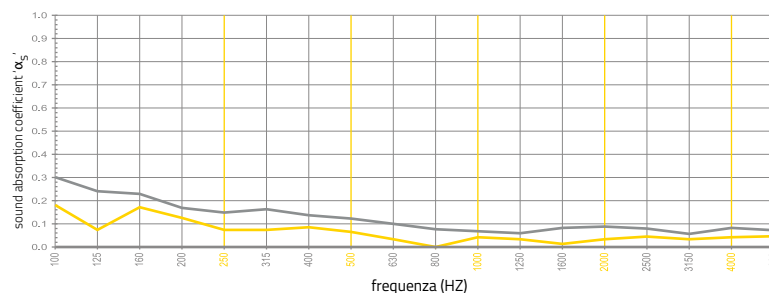
PERFORATION FORATURA



F00

hz	250	500	1000	2000	4000	
α_p	0,06	0,07	0,05	0,02	0,02	$\alpha_w = 0,05$
	0,13	0,09	0,03	0,05	0,05	$\alpha_w = 0,10$

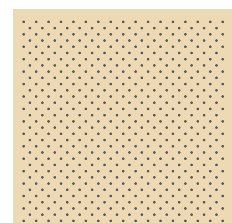
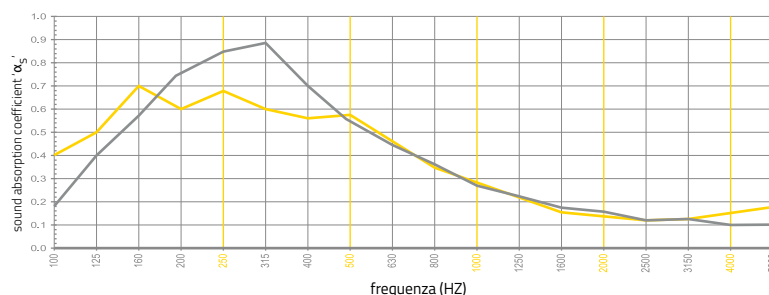
● ceiling *controsoffitto* ● covering *rivestimento*



F01

Ø 6 = 2.27 %
Ø 8 = 4.03 %
○ : 289

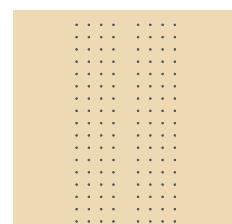
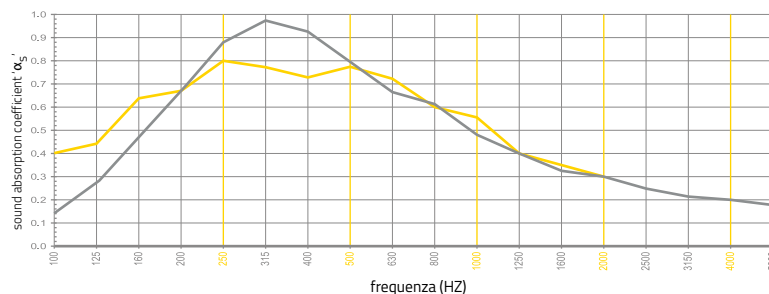
hz	250	500	1000	2000	4000	
α_p	0,67	0,57	0,3	0,15	0,13	$\alpha_w = 0,25$
	1,01	0,64	0,32	0,18	0,10	$\alpha_w = 0,20$



F02

Ø 6 = 4.28 %
Ø 8 = 7.61 %
○ : 545

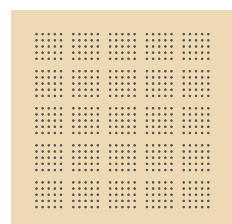
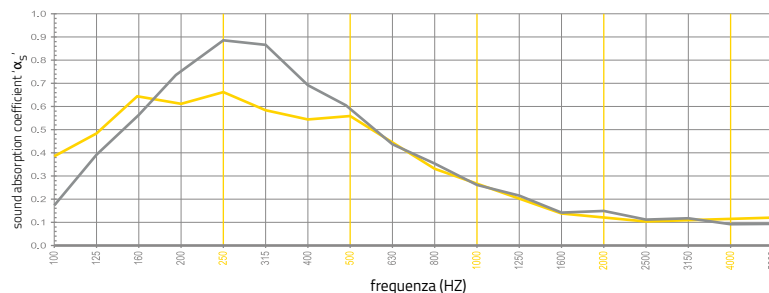
hz	250	500	1000	2000	4000	
α_p	0,8	0,78	0,54	0,29	0,19	$\alpha_w = 0,35$
	0,99	0,94	0,55	0,32	0,2	$\alpha_w = 0,35$



F03

Ø 6 = 1.07 %
Ø 8 = 1.90 %
○ : 136

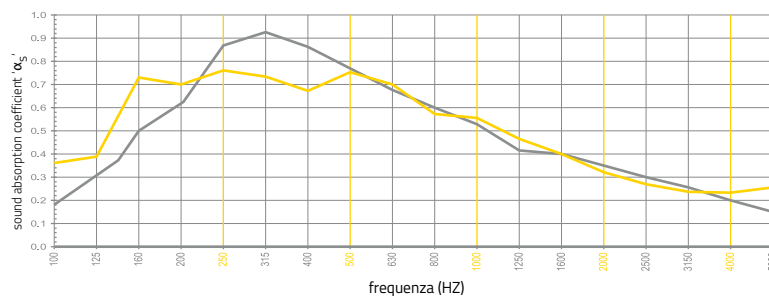
hz	250	500	1000	2000	4000	
α_p	0,65	0,56	0,35	0,14	0,12	$\alpha_w = 0,24$
	0,90	0,62	0,33	0,14	0,10	$\alpha_w = 0,21$



F04

Ø 6 = 4.28 %
Ø 8 = 7.61 %
○ : 545

hz	250	500	1000	2000	4000	
α_p	0,75	0,75	0,55	0,32	0,24	$\alpha_w = 0,35$
	1,00	0,88	0,59	0,37	0,2	$\alpha_w = 0,35$

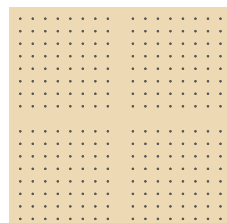


SHERWOOD

ACOUSTIC PERFORMANCE PERFORMANCE ACUSTICA

test: Istituto Giordano n° 196088
197140 UNI EN ISO 354: 2003

PERFORATION FORATURA

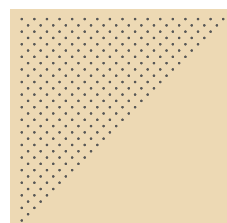
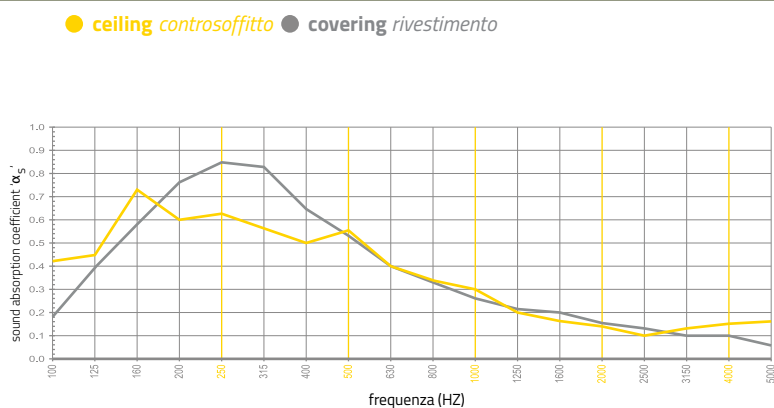


F05

Ø 6 = 2.01 %
Ø 8 = 3.57 %

○ : 256

hz	250	500	1000	2000	4000	
α_p	0,61	0,56	0,3	0,16	0,15	$\alpha_w = 0,25$
	0,98	0,59	0,28	0,16	0,09	$\alpha_w = 0,20$

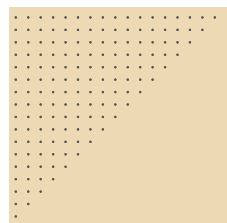
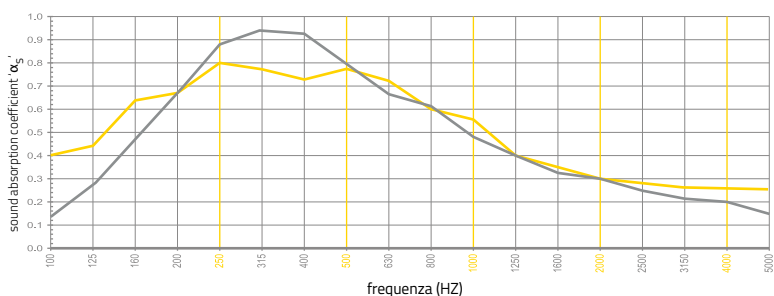


F06

Ø 6 = 1.20 %
Ø 8 = 2.14 %

○ : 153

hz	250	500	1000	2000	4000	
α_p	0,8	0,78	0,54	0,29	0,19	$\alpha_w = 0,35$
	0,99	0,94	0,55	0,32	0,2	$\alpha_w = 0,33$

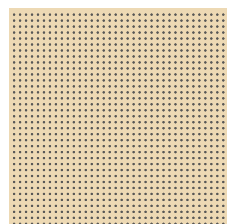
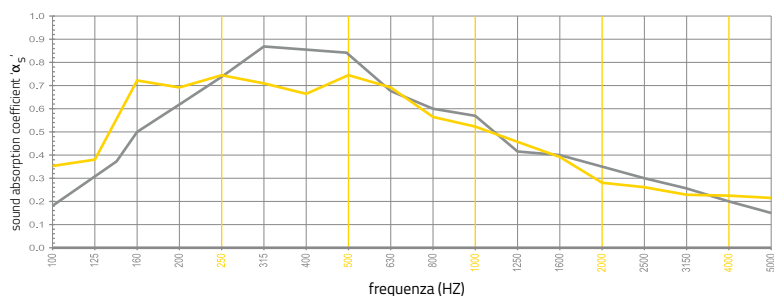


F07

Ø 6 = 2.27 %
Ø 8 = 4.03 %

○ : 289

hz	250	500	1000	2000	4000	
α_p	0,73	0,74	0,51	0,29	0,22	$\alpha_w = 0,34$
	0,92	0,83	0,55	0,31	0,18	$\alpha_w = 0,31$

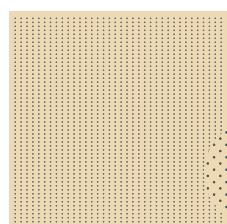
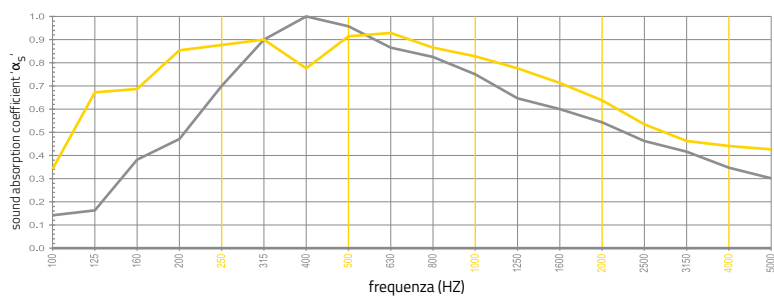


F08

Ø 6 = 10.17 %
Ø 8 = 18.09 %

○ : 1296

hz	250	500	1000	2000	4000	
α_p	0,88	0,91	0,84	0,63	0,46	$\alpha_w = 0,65$
	0,82	1,12	0,87	0,64	0,41	$\alpha_w = 0,60$

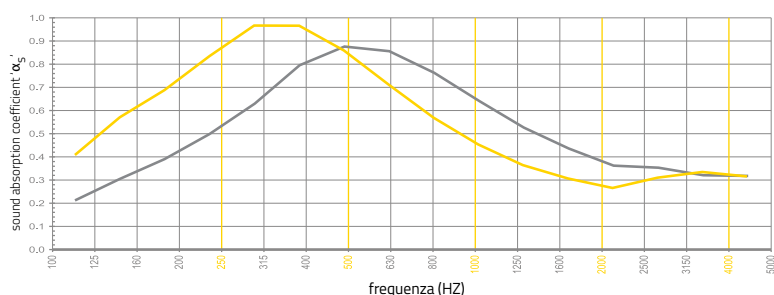


F09

Ø 3 = 2.55 %

○ : 1296

hz	250	500	1000	2000	4000	
α_p	0,83	0,86	0,45	0,26	0,31	$\alpha_w = 0,55$
	0,50	0,87	0,64	0,36	0,32	$\alpha_w = 0,52$

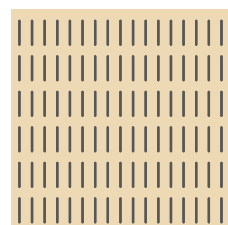


SHERWOOD

ACOUSTIC PERFORMANCE PERFORMANCE ACUSTICA

test: Istituto Giordano n° 196088
197140 UNI EN ISO 354: 2003

SLOTS ASOLATURA

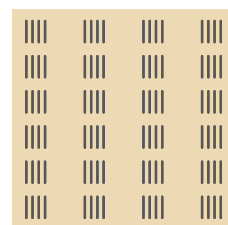


A01

6x66 mm - 11.00 %
8x66 mm - 14.57 %

○ : 102

hz	250	500	1000	2000	4000	
α_p	0,8	0,81	0,69	0,47	0,34	$\alpha_w = 0,50$
	0,87	1,05	0,73	0,52	0,35	$\alpha_w = 0,50$

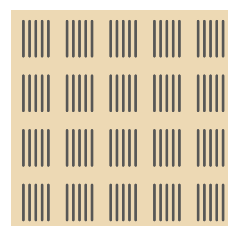


A02

6x60 mm - 9.39 %
8x60 mm - 12.43 %

○ : 96

hz	250	500	1000	2000	4000	
α_p	0,77	0,78	0,62	0,41	0,39	$\alpha_w = 0,45$
	0,97	0,93	0,64	0,45	0,35	$\alpha_w = 0,50$

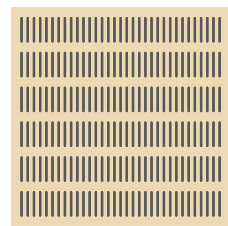


A06

6x96 mm - 15.79 %
8x96 mm - 20.95 %

○ : 100

hz	250	500	1000	2000	4000	
α_p	0,89	0,84	0,83	0,6	0,55	$\alpha_w = 0,50$
	0,84	1,09	0,81	0,6	0,47	$\alpha_w = 0,60$



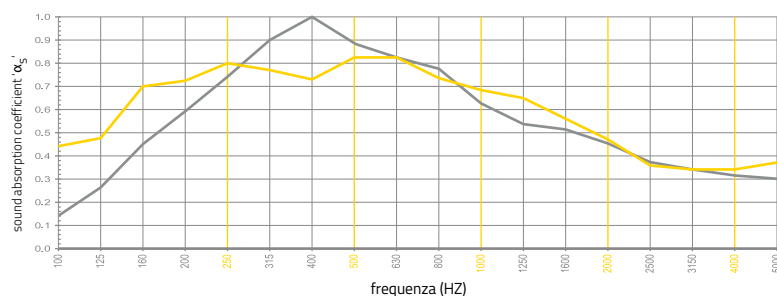
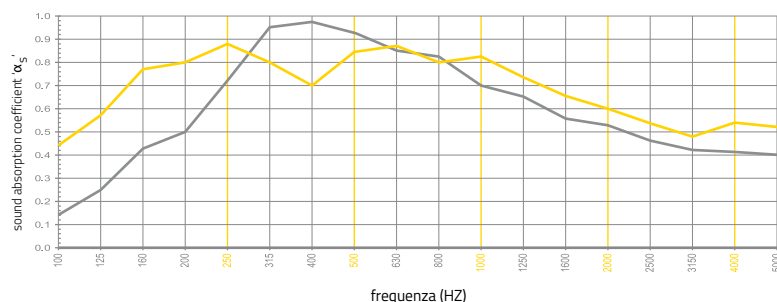
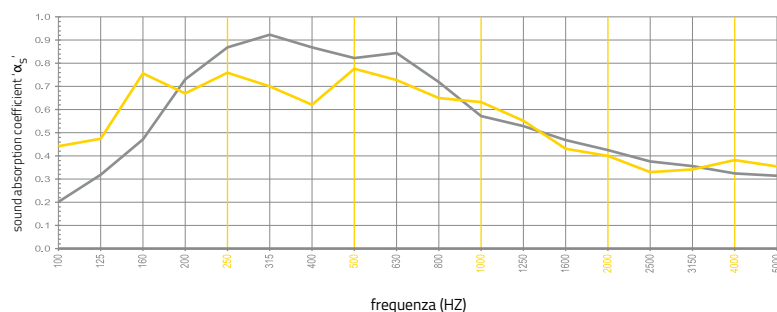
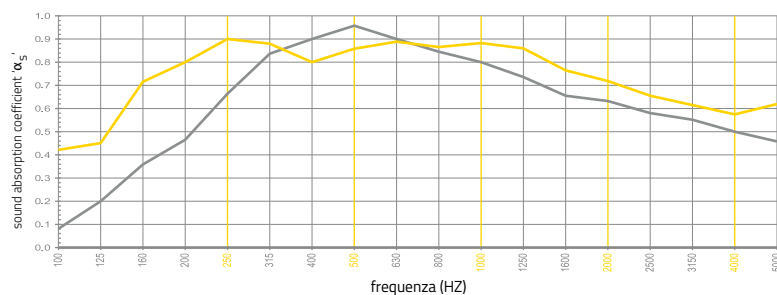
A07

6x60 mm - 19.37 %
8x60 mm - 25.64 %

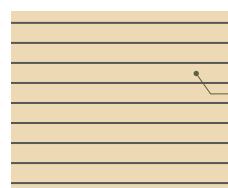
○ : 198

hz	250	500	1000	2000	4000	
α_p	0,91	0,86	0,88	0,71	0,59	$\alpha_w = 0,75$
	0,79	1,14	0,94	0,76	0,59	$\alpha_w = 0,75$

● ceiling controsoffitto ● covering rivestimento



REFLECTIVE PANELS PANNELLI RIFLETTENTI

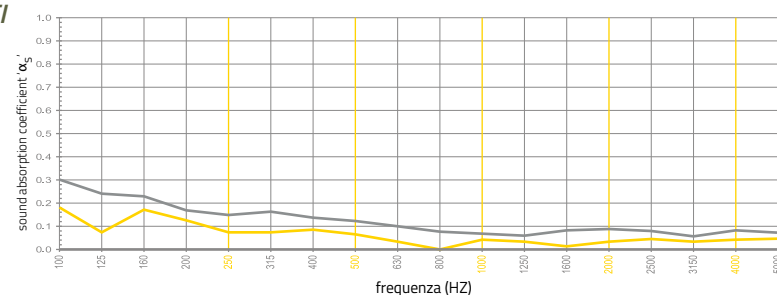


A11

spacing larghezza 3 mm

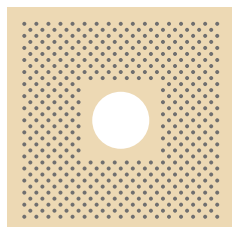
hz	250	500	1000	2000	4000	
α_p	0,06	0,07	0,05	0,02	0,02	$\alpha_w = 0,05$
	0,13	0,09	0,03	0,05	0,05	$\alpha_w = 0,10$

hz	250	500	1000	2000	4000	
α_p	0,06	0,07	0,05	0,02	0,02	$\alpha_w = 0,05$
	0,13	0,09	0,03	0,05	0,05	$\alpha_w = 0,10$

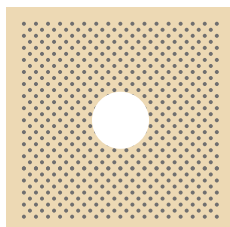


ACCESSORIES ACCESSORI

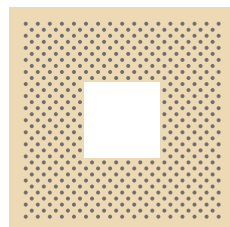
HOLES FOR LIGHTING UNITS FORI PER CORPI ILLUMINANTI



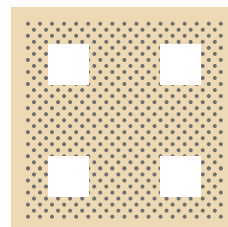
H01
unperforated internal
square
riquadro non forato



H02
no internal square
senza riquadro

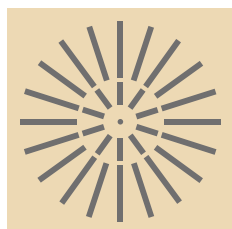


H03
no internal square
senza riquadro

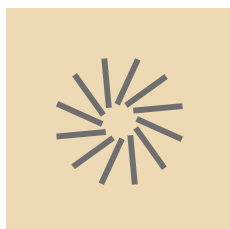


H04
no internal square
senza riquadro

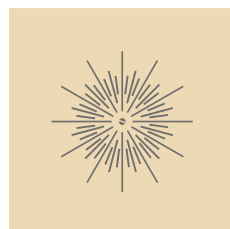
AIR VENTS BOCCHETTE DI AEREAZIONE



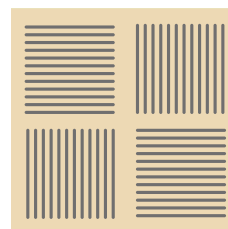
H05
perforated area
area perforata
15,36 %



H06
perforated area
area perforata
6,73 %



H07
perforated area
area perforata
5,50 %

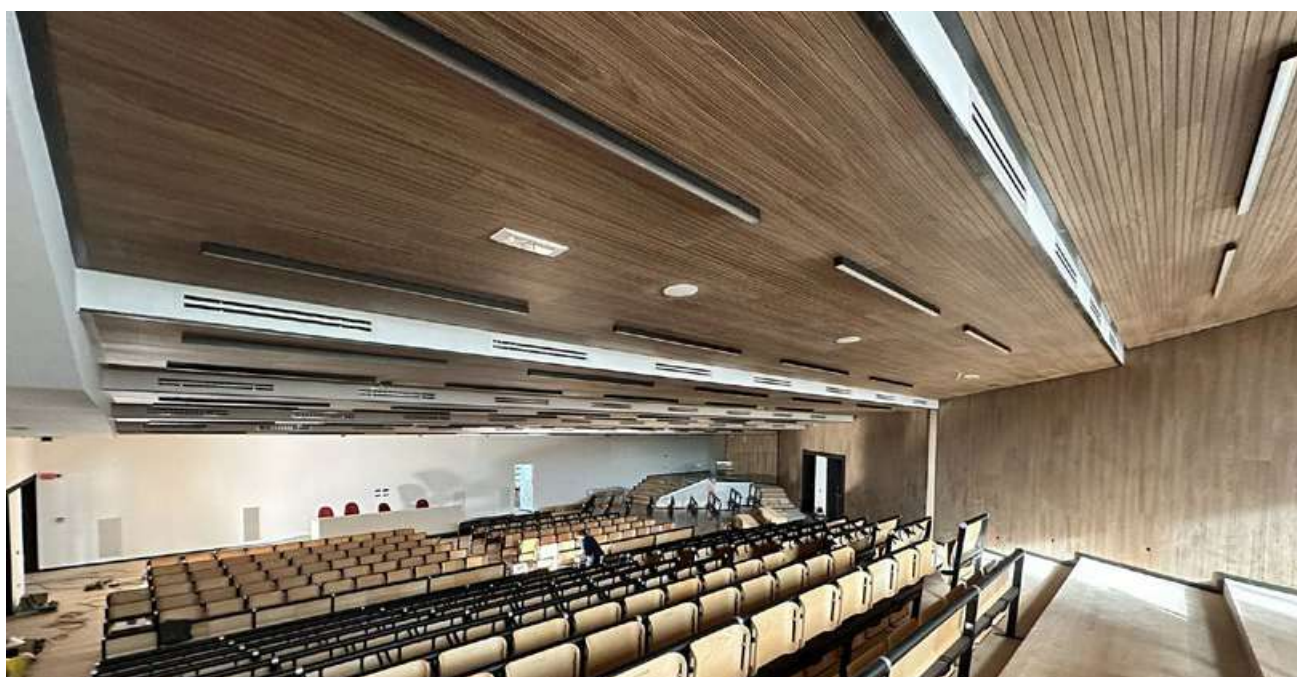


H08
perforated area
area perforata
26,38 %

FITTINGS ELEMENTI DI SERVIZIO

All Wood System panels permit the installation of fittings such as lighting, air nozzles, fume detectors, sprinklers and suspended signboards.

Tutti i pannelli Wood System consentono d'inserire elementi quali corpi illuminanti, bocchette d'aerazione, rilevatori di fumo, sprinklers e segnaletica ambientale sospesa.



CERTIFICATIONS CERTIFICAZIONI



ISO 9001:2015 IQNET



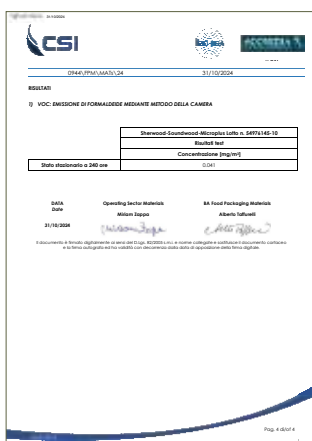
ISO 9001:2015 RINA



**CE MARKING
EN 13986:2004+A1:2015
coverings - rivestimenti**



**CE MARKING
EN 13964:2014
suspended ceilings - controsoffitti**



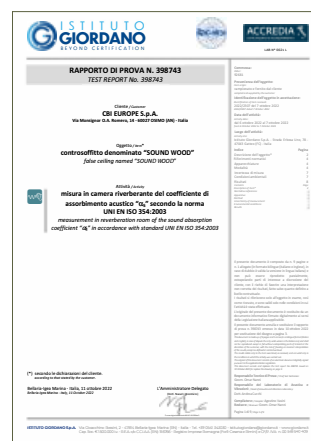
**LOW FORMALDEHYDE
CONTENT
BASSA EMISSIONE
FORMALDEIDE**



**FSC®-COC
C173366**



**FIRE REACTION
REAZIONE AL FUOCO
B-s2-d0**



**ACOUSTIC ABSORPTION
ASSORBIMENTO ACUSTICO**

Environmental certifications offer our partners and clients the certainty of competitive, technologically advanced, safe and sustainable products, in line with the demands of a world market that is attentive and rigorous to the great challenges posed by climate change.

Le certificazioni ambientali offrono ai nostri partner e clienti la certezza di prodotti competitivi e tecnologicamente avanzati, sicuri e sostenibili, in linea con le richieste di un mercato mondiale attento e rigoroso alle grandi sfide poste dal cambiamento climatico.

RECOMMENDATIONS FOR INSTALLATION

RACCOMANDAZIONI PER L'INSTALLAZIONE

Slight differences in colour and shade between one panel and another are due to natural variations in the wood veneers.

To obtain the most pleasing aesthetic effect, we recommend that you lay the panels out before deciding on their final arrangement. It is also good idea to order an extra number of panels to allow for future replacements, since shades, colours and grain can vary from one batch to another.

Panels must only be installed in indoor environments when the building maintained at a constant temperature.

resistance to humidity

Wood System panels should be removed from their packaging in the place of installation 48 hours before installing the ceiling or wall, so that they can assume the humidity of the environment. We recommend switching on the air conditioning in the environment at least 24 hours before starting installation.

The installation environment should have temperature no lower than 15° and a relative humidity between 35% and 55% before work starts.

hygiene and maintenance

Wood System panels are easy to maintain and require no special maintenance. To clean, simply wipe with a dry cloth.

Panels should not be exposed to direct sunlight: like all natural materials, wood tends to change colour when exposed to UV rays. The polyacrylate treatment of the panels tends to reduce this effect.

Remember that water and humidity will damage the veneering.

Colori e sfumature non uniformi dei pannelli sono dovute alle essenze di legno naturale con cui sono realizzati.

Consigliamo pertanto di disporli a vista prima di deciderne la sistemazione finale, così da ottenere l'effetto estetico desiderato.

Consigliamo di ordinare un quantitativo supplementare di pannelli in previsione di eventuali sostituzioni, perché tonalità, colori e sfumature possono cambiare di produzione in produzione.

L'installazione deve avvenire in ambienti chiusi ed a temperatura costante.

resistenza all'umidità

Gli imballi dei pannelli Wood System devono essere aperti 48 ore prima nel luogo dove avverrà l'installazione del controsoffitto/rivestimento affinché il materiale raggiunga le condizioni di equilibrio con l'ambiente da rivestire.

Consigliamo di climatizzare l'ambiente almeno 24 ore prima dell'installazione in modo che il locale abbia una temperatura minima di 15° con un umidità relativa tra il 35% e il 55%.

igiene e manutenzione

I pannelli Wood System sono facili da mantenere. Non necessitano di particolari attenzioni; per la pulizia è sufficiente passarli con un panno asciutto.

Consigliamo di non esporre i pannelli alla luce solare diretta: come tutti i materiali naturali, il legno tende a cambiare colore una volta esposto ai raggi UV. La verniciatura UV-poliacrilato con cui sono trattati svolge il compito di limitare questo effetto.

Acqua ed umidità deteriorano le impiallaccature.



WOOD CEILINGS AND COVERINGS - HIGHLIGHTS

where

Auditoriums, theatres, airports, conference rooms, offices, public spaces and all environments that require effective noise control and elegant interior design.

how

Sound absorbent and fire resistant modular elements with a high technology content, available in a vast range of colours and wood essences.

why

Versatile, safe, acoustically perfect, easy to install and inspect.

dove

Auditorium, teatri, aeroporti, conference room, uffici, spazi collettivi e tutti gli ambienti che richiedono elevato controllo del livello di rumore ed interior design ricercato.

come

Con elementi modulari fonoassorbenti ed ignifughi ad elevato contenuto tecnologico, in una gamma infinita di cromie e finiture legno.

perchè

Versatile, sicuro, acusticamente perfetto, facile da installare ed ispezionabile.



ACOUSTIC ABSORPTION
FONOASSORBENZA



FIRE REACTION
REAZIONE AL FUOCO



FSC® CERTIFICATION
CERTIFICAZIONE FSC®



E1 FORMALDEHYDE EMISSION
EMISSIONE FORMALDEIDE E1



QUICK INSTALLATION
INSTALLAZIONE RAPIDA



COLOURS AND FINISHES
COLORI E FINITURE



CUSTOMIZED ELEMENTS
DIMENSIONI A RICHIESTA



CE MARKING MARCATURA CE
EN 13986 · EN 13964



EPD ENVIRONMENTAL
PRODUCT DECLARATION®



POINTS LEED
PUNTEGGIO LEED



ANTI-SEISMIC
ANTI SISMICO



100%
MADE IN ITALY

CBI EUROPE WOOD CEILINGS AND COVERINGS

Acoustic comfort, well-being, high performance.

CBI Europe's Wood Ceilings and Coverings systems comprise modular elements - panels, staves, slats - and special steel support structures. Standard or made-to-measure, resistant, durable, easy and quick to install, hygienic, certified: they fit into any type of environment thanks to highly versatile architectural elements.

Wood ceilings and coverings dedicated to the new generation of interior design - functional and welcoming - combining high aesthetic, technical, and acoustic performance with sustainability.

All CBI Europe's Wood Ceilings and Coverings systems are EPD® certified.

CONTROSOFFITTI E RIVESTIMENTI IN LEGNO

Comfort acustico, benessere, alte prestazioni.

I sistemi Wood Ceilings and Coverings CBI Europe comprendono elementi modulari - pannelli, doghe, lamelle - ed apposite strutture di sostegno in acciaio. Standard o su misura, resistenti, durevoli, maneggevoli, facili da installare: si inseriscono in ogni tipologia di ambiente grazie ad elementi architettonici di grande versatilità.

Dedicati all'allestimento di interni di nuova generazione - funzionali ed accoglienti - uniscono elevate prestazioni estetiche, tecniche ed acustiche alla sostenibilità.

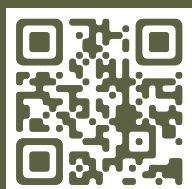
Tutti i controsoffitti e i rivestimenti in legno CBI Europe sono certificati EPD.

PLAFONDS ET REVÊTEMENTS EN BOIS

Confort acoustique, bien-être, haute performance.

Les systèmes de plafonds et de couvertures en bois de CBI Europe sont composés d'éléments modulaires et de structures de support en acier spécial. Standard ou sur mesure, résistants, durables, faciles à installer : ils s'intègrent à tout type d'environnement grâce à des éléments architecturaux très polyvalents.

Plafonds et revêtements en bois dédiés à la nouvelle génération de décoration intérieure - fonctionnels et accueillants - qui allient de hautes performances esthétiques, techniques et acoustiques à la durabilité.. Tous les plafonds et revêtements en bois de CBI Europe sont certifiés EPD®.



S-P-02547 EPD®
environdec.com



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