

Wood coverings

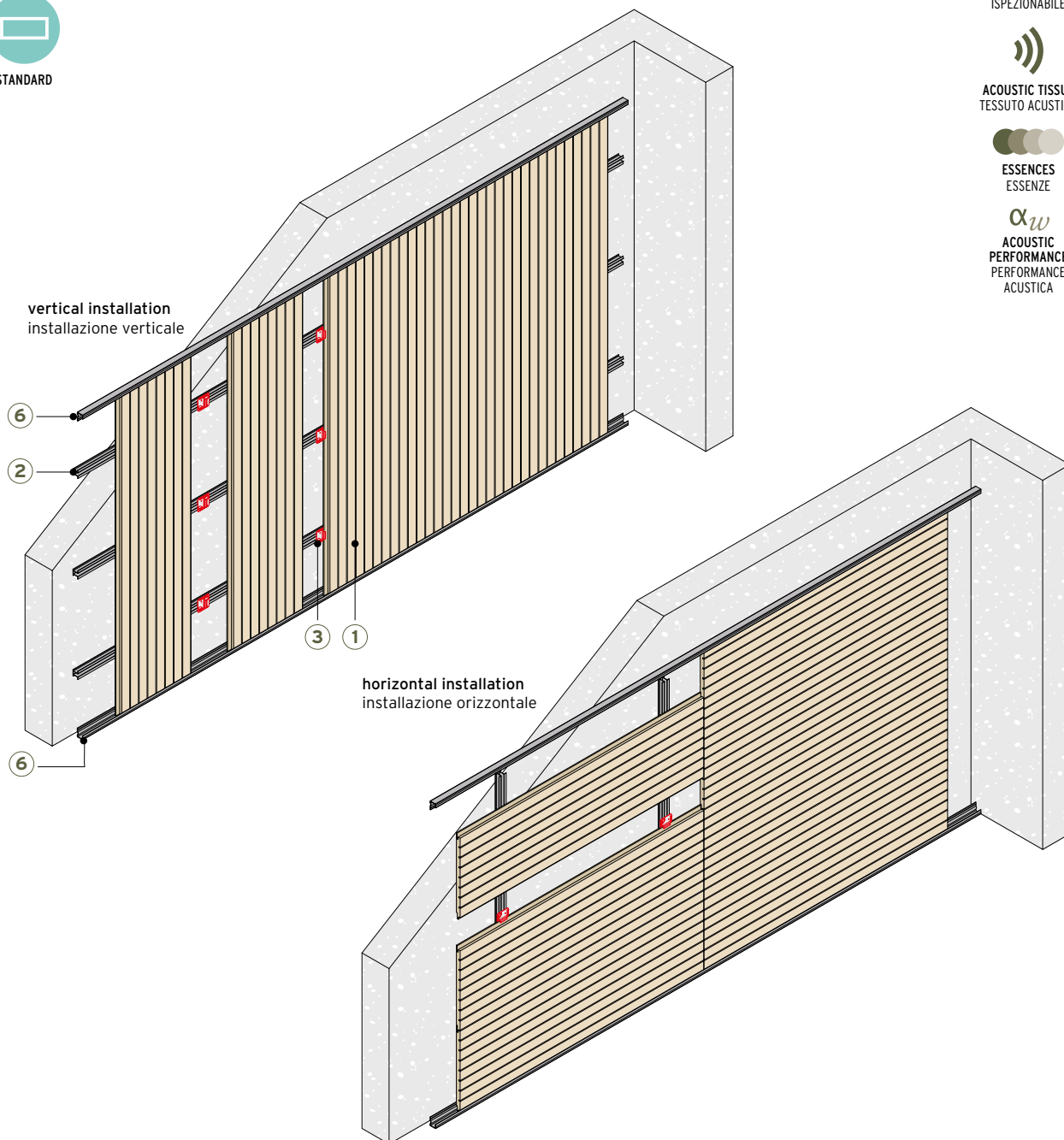
**SOUND WOOD
COVERING 503
SYSTEM**

 **CBI**
EUROPE
HI-TECH INTERIORS

WALL COVERING 503 SYSTEM



STANDARD



INSPECTABLE
ISPEZIONABILE



ACOUSTIC TISSUE
TESSUTO ACUSTICO

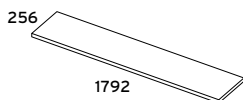


ESSENCES
ESSENZE



ACOUSTIC
PERFORMANCE
PERFORMANCE
ACUSTICA

panel pannello



type
tipo

SOUND WOOD

melamine · real veneer
nobilitato melaminico · essenza di legno naturale

dimensions
dimensioni

256 x 1792 mm
H 14/16 mm

incidence
incidenza

2.20 pcs/mq

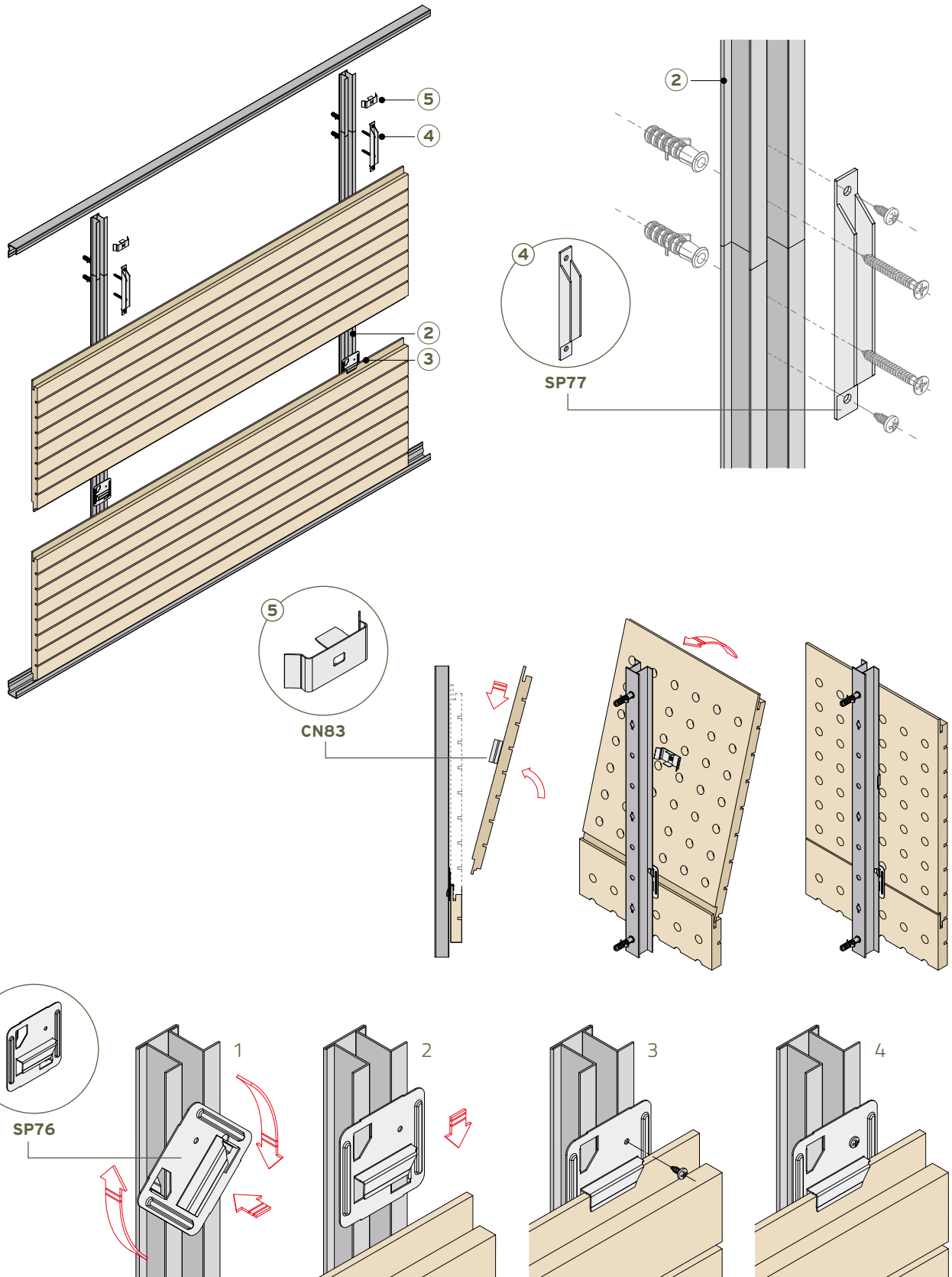


6 pcs

- ① panel pannello
- ② omega profile profilo omega
- ③ fixing clip clip di fissaggio
- ④ joint profile giunto
- ⑤ fixing spring molla di tenuta
- ⑥ starting profile profilo di partenza

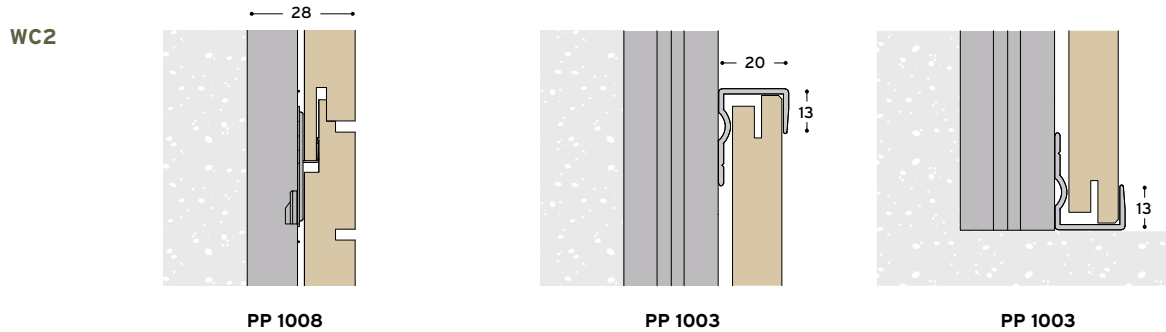
COVERING 503


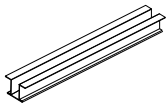
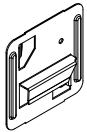

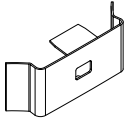
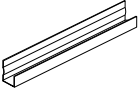
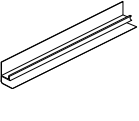
assembly installazione



COVERING 503

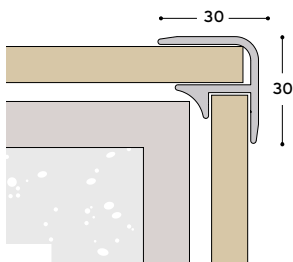
structure struttura



code codice	description descrizione	type tipo	dimensions dimensioni	incidence incidenza	
PP1008	 omega profile profilo omega	steel acciaio	26 x 18 x 26 mm L 3000 mm	3,90 ml/mq	10 pcs 30 ml
2	 fixing clip clip di fissaggio	steel acciaio	-	8 pcs/mq	100 pcs
3	 joint profile giunto profilo	steel acciaio	-	1 pcs each 7 ml of wall / ogni 7 ml di parete	20 pcs
4	 fixing spring molla di tenuta	steel acciaio	-	1 pcs each /ogni PP1008	20 pcs
5	 starting profile profilo di partenza	extruded aluminium anodised silver alluminio estruso anodizzato silver	28 x 20 mm L 3000 mm	variable variabile	12 pcs 36 ml
6	 corner profile profilo angolare	extruded aluminium anodised silver alluminio estruso anodizzato silver	30 x 30 mm L 3000 mm	variable variabile	10 pcs 30 ml

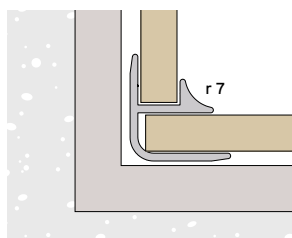
corners angles

external corner
angolo esterno



PP1005

internal corner
angolo interno

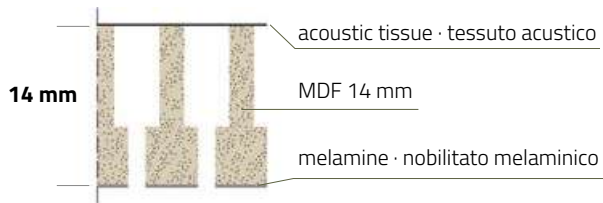


PP1005

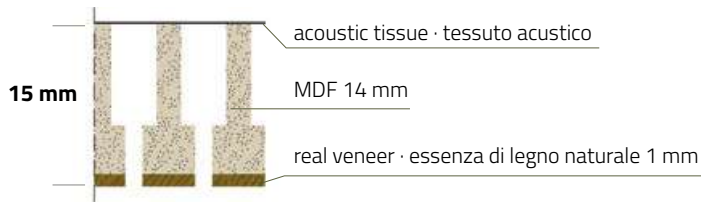
SOUND WOOD

TYPE OF PANELS *TIPOLOGIA DI PANNELLI*

MELAMINE *NOBILITATO MELAMINICO*



REAL VENEER *IMPIALLACCIATO LEGNO*



MDF HIGH DENSITY *MDF ALTA DENSITÀ*

Internal bond · Resistenza allo strappo	EN 319	0,65 / 1,1 N/mm ²
C.R.F.	EN 310	22 / 35,1 N/mm ²
M.O.E.	EN 310	2500 3180 N/mm ²
Thickness swelling 24H (max) · Rigonfiamento 24H (max)	EN 317	15,0 / 12,3 %
Surface soundness · Strappo superficiale	EN 311	1,2 / 1,8 N/mm ²
MDF Density · Densità	EN 323	780 Kg/m ³ +/- 5%
Thickness Tolerance · Tolleranza di spessore	EN 324-1	+/- 0,2 mm
Length and width tolerance · Tolleranza lunghezza e larghezza	EN 324-1	+/- 0,3 mm
Squareness · Squadro	EN 324-2	+/- 0,3 mm
Moisture content · Umidità	EN 322	4% - 11%
Grit content · Contenuto in silice	ISO 3340	< 0,05%
Formaldehyde · Formaldeide	EN 120	< 9 mg / 100 g
Fire reaction class · Classe di reazione al fuoco		B s₂ d₀

ESSENCES ESSENZE

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



rovere rock bianco · *rovere rock bianco*



rovere italia · *rovere rock bianco*



rovere bruges · *rovere rock bianco*



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

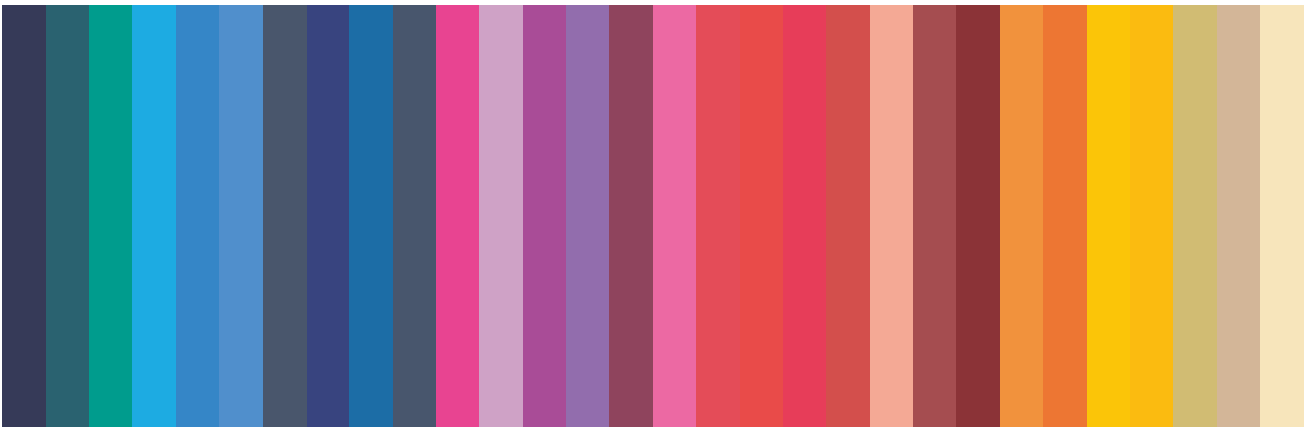
requirements which will be supplied only for orders of at least 400 sq.m. Wood system accessories are finished in aluminium or wood.

REAL VENEER *IMPIALLACCIATO LEGNO* > **15 mm** > **Class D · B-s2-d0 · B-s1-d0**



maple · *acero*
wengè
beech · *faggio*
cherry · *ciliegio*
zebrano
ash tree · *frassino*
walnut · *noce*
mahogany · *mogano*
oak · *rovere*

ALL RAL COLOURS *ALL RAL COLOURS* > coating *verniciatura* **Class D · B-s2-d0 · B-s1-d0**



ALL RAL COLOURS · *tutti i colori RAL*

Le cartelle colori riportate sono puramente indicative, e si raccomanda la richiesta di campionatura. Per colori non presenti in cartella e soltanto per forniture di colore

pari o superiori a 400 m², contattare l'ufficio tecnico. Gli accessori del sistema Wood possono essere in finitura alluminio o legno.

SOUND WOOD

ACOUSTIC PERFORMANCE PERFORMANCE ACUSTICA

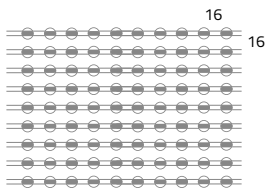


Each element incorporate a layer of sound absorbing material on the panelback.
Ogni elemento è comprensivo di uno strato di materiale fonoassorbente sul retro.

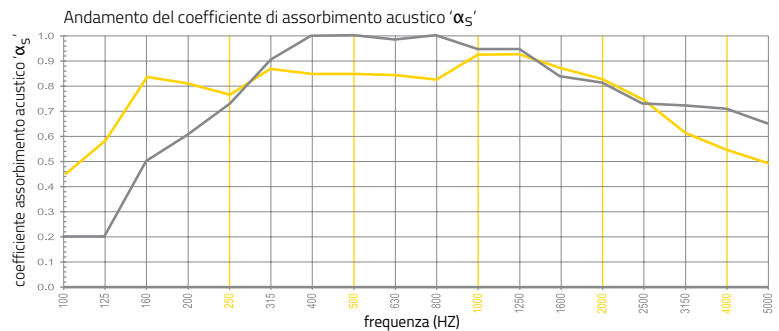
test: Istituto Giordano n° 196088 197140 UNI EN ISO 354: 2003

● ceiling *controsoffitto* ● covering *rivestimento*

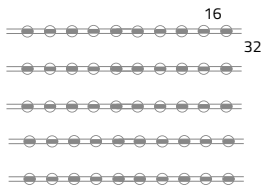
SUPREME SOUND WOOD 1616



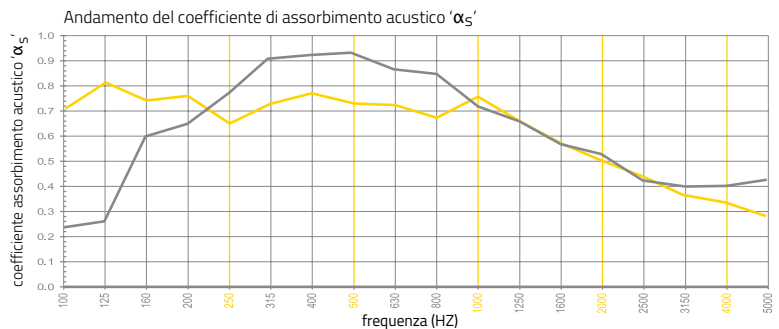
hz	250	500	1000	2000	4000	
α_p	0,80	0,85	0,90	0,80	0,55	$\alpha_w = 0,75$
	0,75	1,00	0,95	0,80	0,70	$\alpha_w = 0,85$



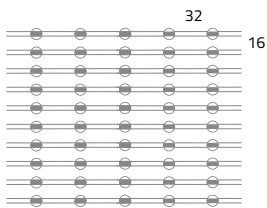
HIGH SOUND WOOD 3216



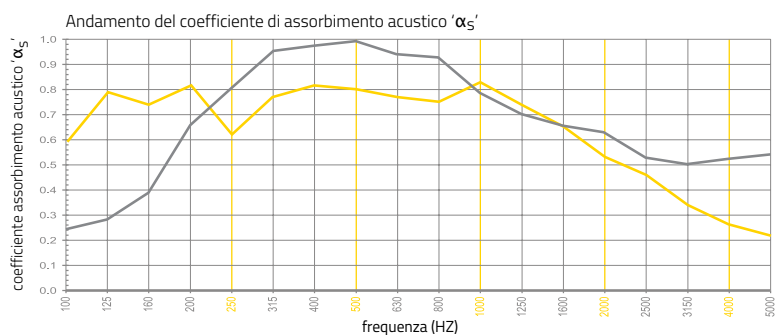
hz	250	500	1000	2000	4000	
α_p	0,70	0,75	0,70	0,50	0,35	$\alpha_w = 0,50$
	0,80	0,90	0,75	0,50	0,40	$\alpha_w = 0,55$



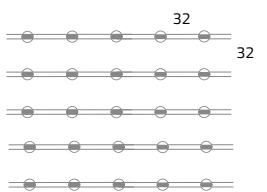
MEDIUM SOUND WOOD 1632



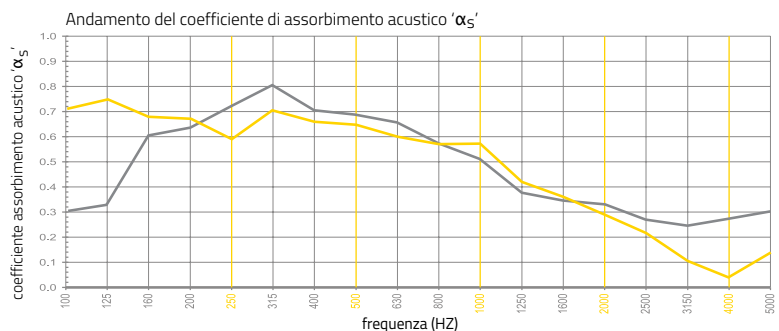
hz	250	500	1000	2000	4000	
α_p	0,75	0,80	0,75	0,55	0,25	$\alpha_w = 0,45$
	0,80	0,95	0,80	0,60	0,50	$\alpha_w = 0,65$



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

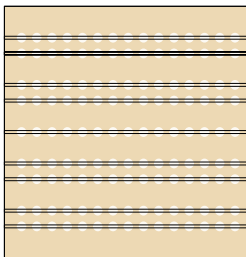


Each element incorporate a layer of sound absorbing material on the panelbacking.
 Ogni elemento è comprensivo di uno strato di materiale fonoassorbente sul retro.

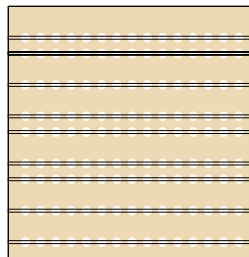
test: Marvin Acustica
 metodo UNI EN ISO 10534-2

● ceiling *controsoffitto* ● covering *rivestimento*

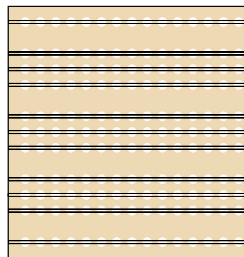
SOUND WOOD MULTILINE



TYPE A

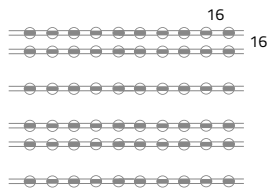


TYPE B

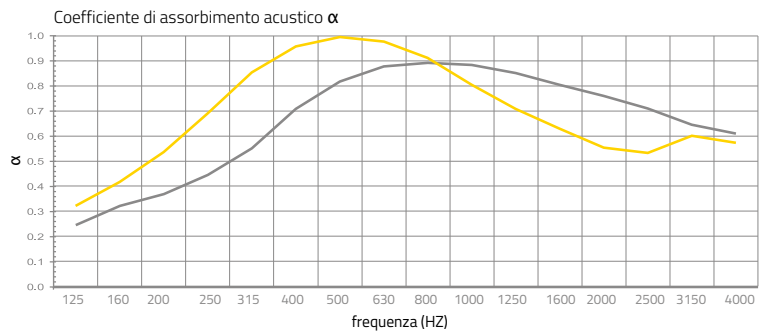


TYPE C

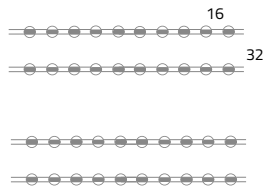
SOUND WOOD MULTILINE TYPE A



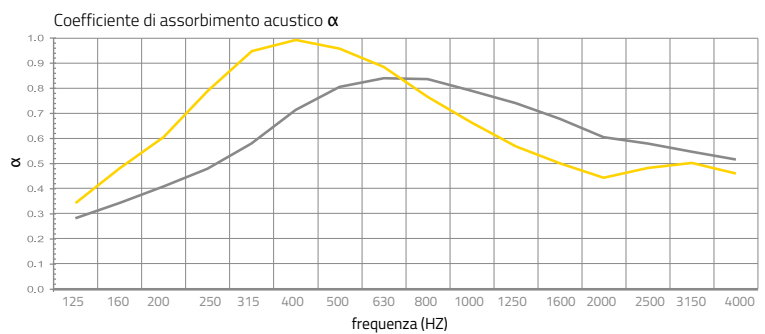
hz	250	500	1000	2000	4000	α_{W1}	α_{W2}
α_p	0,69	1,00	0,81	0,55	0,57	0,69	0,67
	0,44	0,82	0,88	0,76	0,61		



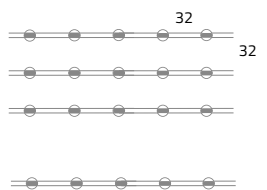
SOUND WOOD MULTILINE TYPE B



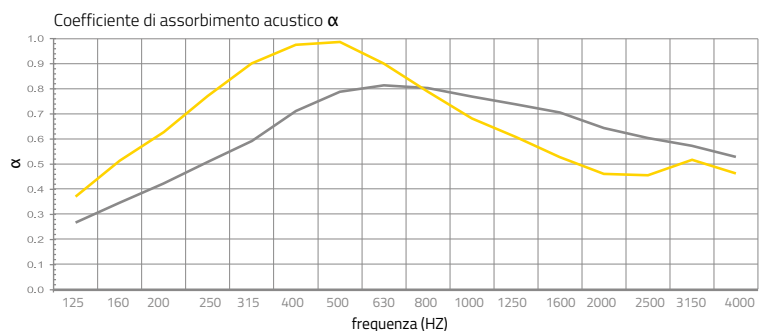
hz	250	500	1000	2000	4000	α_{W1}	α_{W2}
α_p	0,79	0,96	0,66	0,44	0,46	0,65	0,61
	0,48	0,81	0,79	0,61	0,52		



SOUND WOOD MULTILINE TYPE C

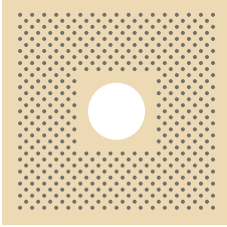


hz	250	500	1000	2000	4000	α_{W1}	α_{W2}
α_p	0,37	0,99	0,68	0,46	0,46	0,66	0,61
	0,51	0,79	0,77	0,64	0,53		

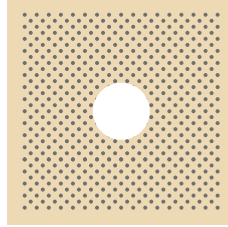


ACCESSORIES ACCESSORI

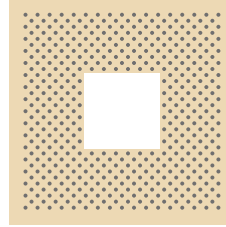
HOLES FOR LIGHTING UNITS FORI PER CORPI ILLUMINANTI



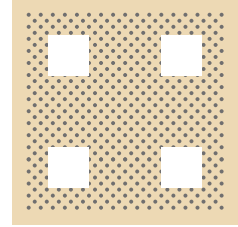
H01
unperforated internal
square
riquadro non forato



H02
no internal square
senza riquadro

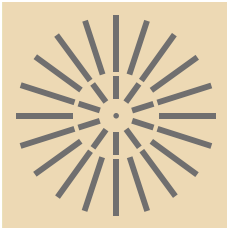


H03
no internal square
senza riquadro

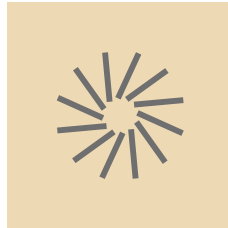


H04
no internal square
senza riquadro

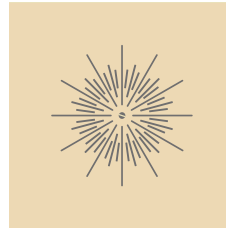
AIR VENTS BOCCHETTE DI AEREAZIONE



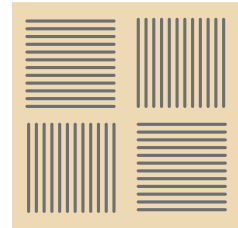
H05
perforated area
area perforata
15,36 %



H06
perforated area
area perforata
6,73 %



H07
perforated area
area perforata
5,50 %



H08
perforated area
area perforata
26,38 %

REMOVABLE MANHOLE BOTOLA ISPEZIONABILE



EASY INSPECT

The manhole is manufactured by CBI Europe
measures on request.

*Botola prodotta da CBI Europe
misure su richiesta.*

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.

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.

igiene 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.



CERTIFICATIONS CERTIFICAZIONI



ISO 9001:2015 IQNET



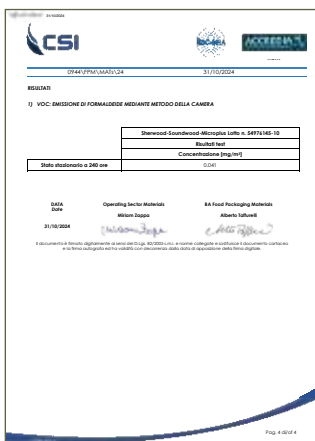
ISO 9001:2015 RINA



**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.

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



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



POINTS LEED
PUNTEGGIO LEED



ANTI-SEISMIC
ANTI SISMICO



100%
MADE IN ITALY



FSC® CERTIFICATION
CERTIFICAZIONE FSC®

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.

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

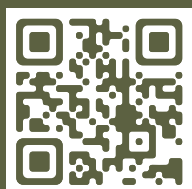
di ambiente grazie ad elementi architettonici di grande versatilità. Dedicati all'allestimento di interni di nuova generazione, funzionali ed accoglienti uniscono elevate prestazioni estetiche, tecniche ed acustiche alla sostenibilità.

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.



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