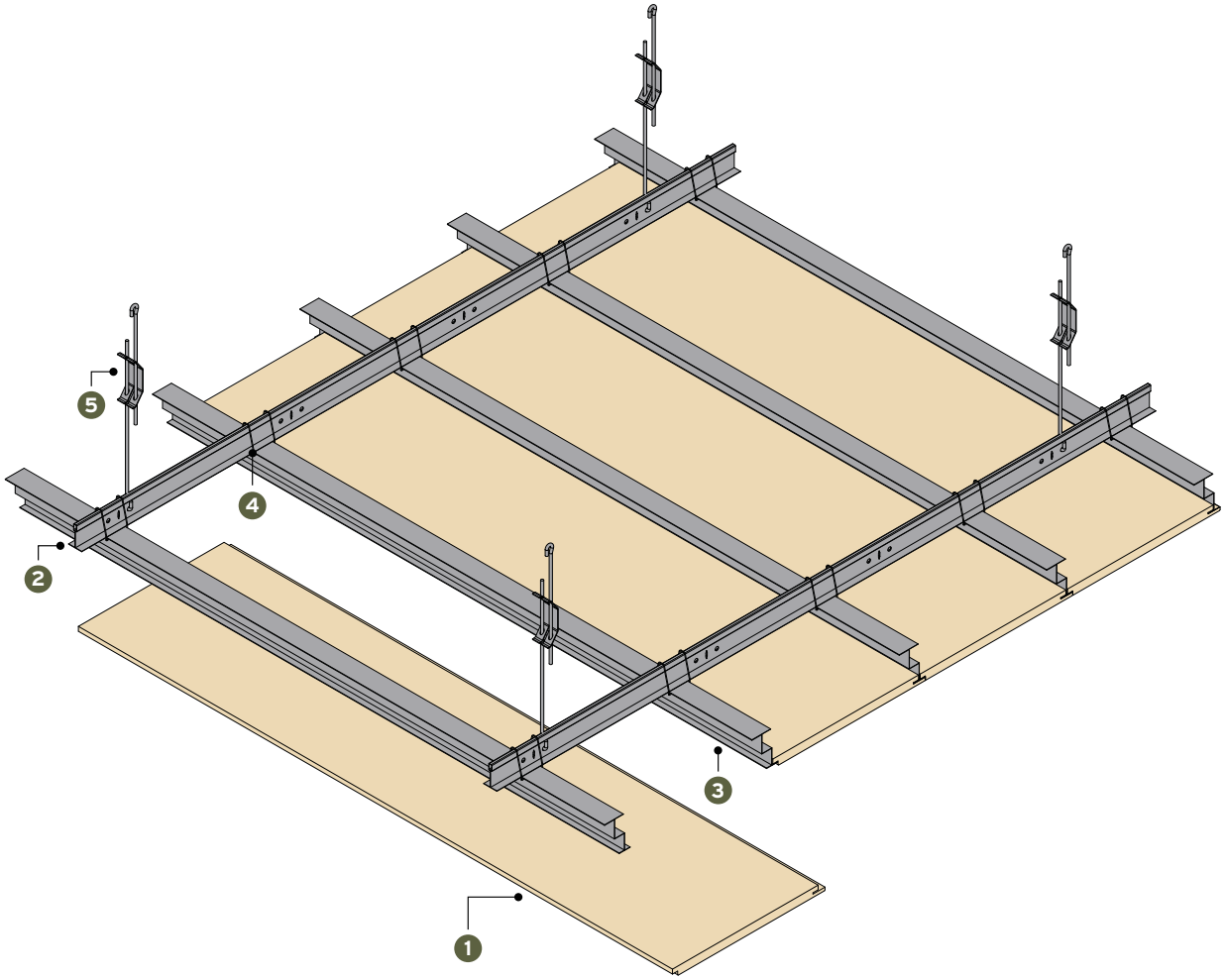
WOOD **CONCEALED 200 CWI** SYSTEM

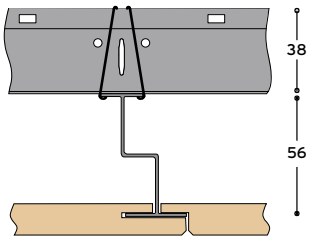


PANEL PANNELLO

dimension	type
square quadrato **rectangular** rettangolare	· SOUND WOOD

GRID SYSTEM STRUTTURA

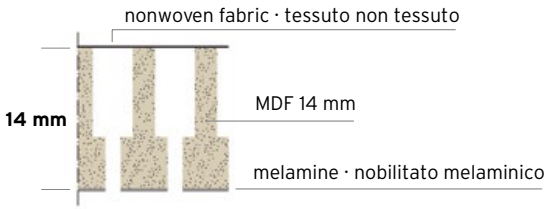
· CWI

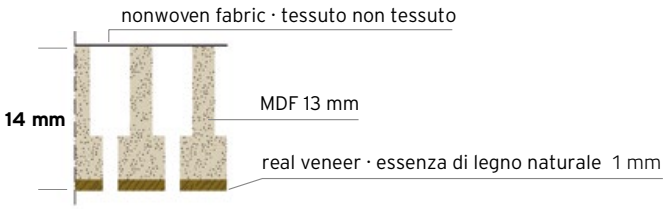


1	2	3	4	5
panel pannello **Sherwood** 600x600/1200 ***Soundwood** 256x1792	**P 3700 Z** main runner profilo portante 24x38x3700 mm	**Z 4000 W** secondary profile profilo secondario 36,5x12x4000 mm	**SP 38.1** cross connector raccordo ortogonale	**SOR** suspension sospensione

TYPE OF PANELS

SOUND WOOD · MDF HIGH DENSITY

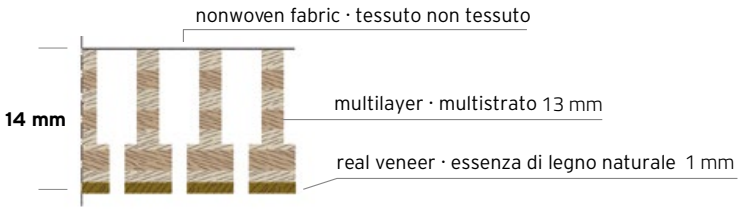




MDF HIGH DENSITY MDF ALTA DENSITÀ

Internal bond · Resistenza allo strappo	**EN 319**	**0,65 / 1,1 N/mm²**
C.R.F.	**EN 310**	**22 / 35,1 N/mm²**
M.O.E.	**EN 310**	**2500 3180 N/mm²**
Thickness swelling 24H (max) · Rigonfiamento 24H (max)	**EN 317**	**15,0 / 12,3 %**
Surface soundness · Strappo superficiale	**EN 311**	**1,2 / 1,8 N/mm²**
MDF Density · Densità	**EN 323**	**780 Kg/m3 +/- 5%**
Thickness Tolerance · Tolleranza di spessore	**EN 324-1**	**+/- 0,2 mm**
Lenght 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 s_2 d_0**

SOUND WOOD · MULTILAYERS

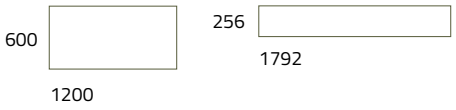


MULTILAYERS MULTISTRATO

Thickness · Spessore	**EN 315**	**15 mm**
Layers · Strati	**EN 315**	**n° 7**
Mass · Massa volumica	**EN 323**	**Kg/m3 410 +/- 10%**
Resistance to bending · Resistenza alla flessione		
Longitudinal · Longitudinale	**EN 310**	**25 N/mm²**
Transversal · Trasversale	**EN 310**	**25 N/mm²**
Thermal conductivity · Conduttività termica	**EN 10456**	**W/m K 0,12**
Moisture content · Umidità	**EN 322**	**% 8 - 12**
Formaldehyde · Formaldeide		**E1**
Fire reaction class · Classe di reazione al fuoco		
Standard	**ISO 13986**	**Dfl s1**
On demand · A richesta	**EN 13501-1**	**B s_2 d_0**

MODULARITY

rectangular

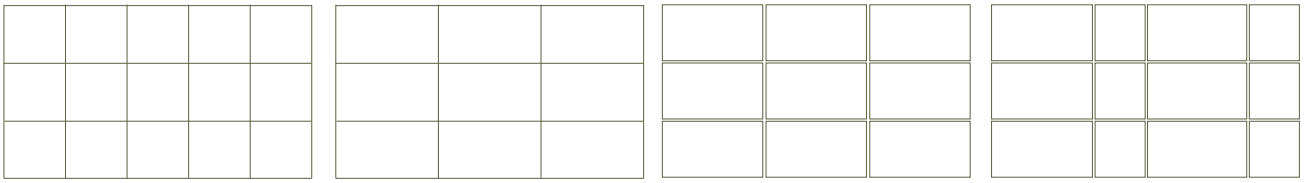


square



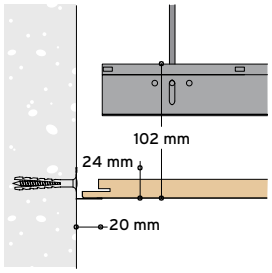
OTHER DIMENSION AVAILABLE ON REQUEST

sample compositions

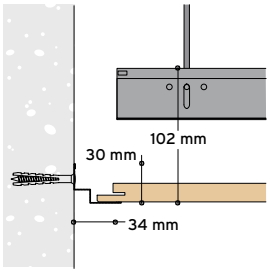


PERIMETRAL MOLDING

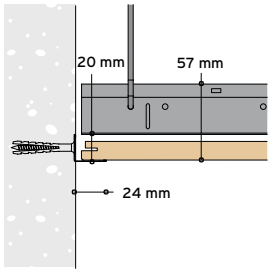
WOOD CONCEALED 200 SYSTEM



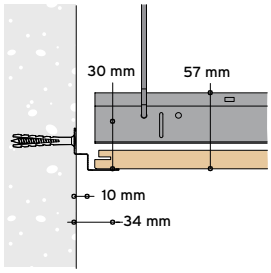
A3000
CWI



W3000
CWI



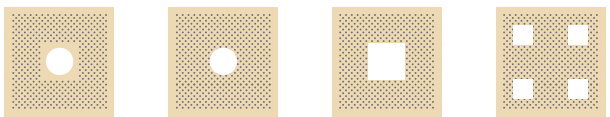
A3001
CWA



W3000
CWA

ACCESSORIES

HOLES FOR LIGHTING UNITS



H01 **H02** **H03** **H04**

AIR VENTS



H05 **H06** **H07** **H08**

FITTINGS

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

FINISHES

MELAMINE

› SOUND WOOD


oak rock white


elm tafira


oak italia


oak bruges


walnut athens

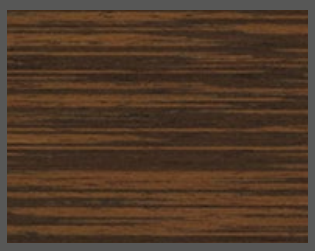

bavaria beech


white

REAL VENEER

› SOUND WOOD


maple

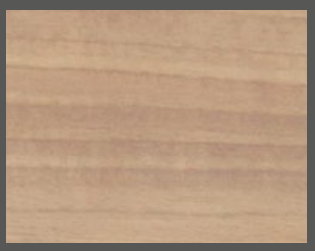

wengè

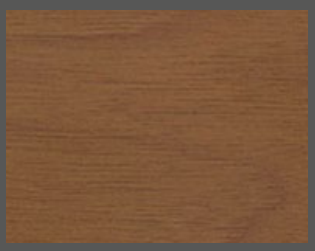

beech

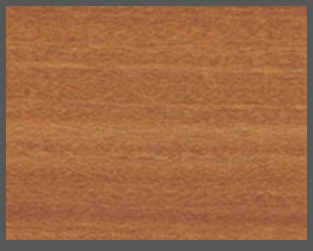

cherry


zebrano


ash tree


walnut 1


walnut 2


mahogany


oak

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 800 sq.m. Wood system accessories are finished in aluminium or wood.

SOUND WOOD · CEILINGS
PERFORATION · ACOUSTIC ABSORPTION PANELS

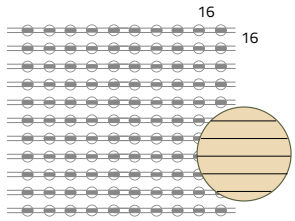


Each element incorporate a layer of sound absorbing material on the panelbacking.

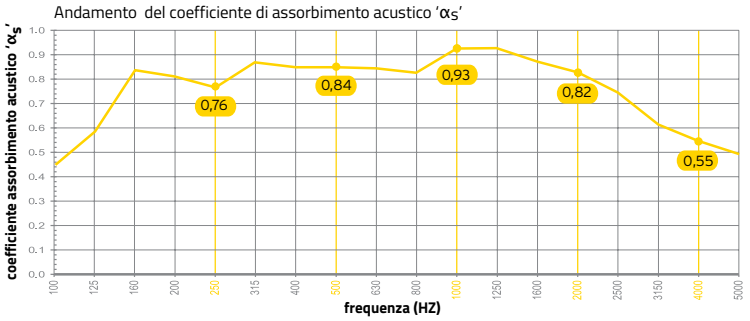
ceiling

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

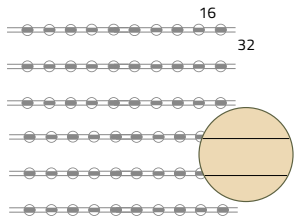
SUPREME SOUND WOOD 1616



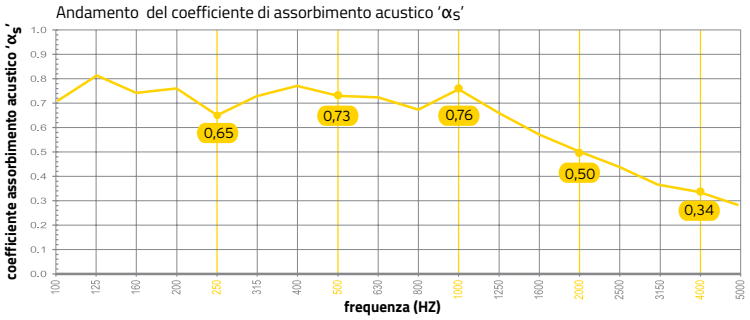
hz	250	500	1000	2000	4000	
α_p	0,80	0,85	0,90	0,80	0,55	α_W= 0,75



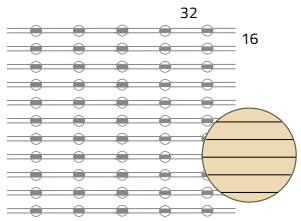
HIGH SOUND WOOD 3216



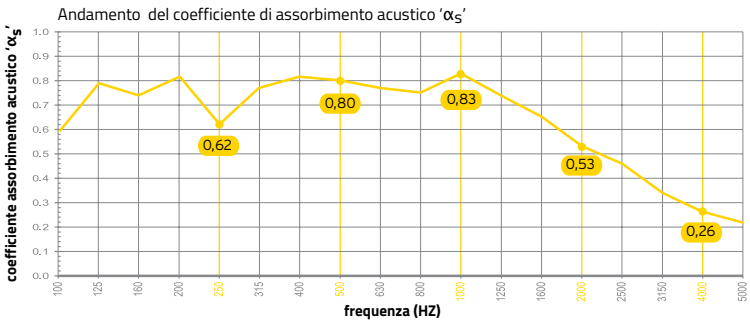
hz	250	500	1000	2000	4000	
α_p	0,70	0,75	0,70	0,50	0,35	α_W= 0,50



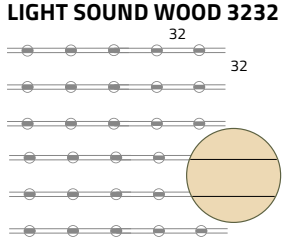
MEDIUM SOUND WOOD 1632



hz	250	500	1000	2000	4000	
α_p	0,75	0,80	0,75	0,55	0,25	α_W= 0,45



LIGHT SOUND WOOD 3232



hz	250	500	1000	2000	4000	
α_p	0,65	0,65	0,50	0,30	0,10	α_W= 0,30

