

## WOODEN ACOUSTIC PANEL

### WALL & CEILING SYSTEM

#### Material

Made of low formaldehyde emission 16 mm thick MDF panels absolute density 760 kg/m<sup>3</sup> (class E1) Fire Retardant.

#### CHARACTERISTICS

Resistant to humidity, scratching and impact, excellent thermal insulation by inserting a layer of foam or fiberglass between the wall & the panel.

#### STRUCTURES

1. Groovy Panel - grooves at front, perforation at the reverse side,
2. Perforation Panel - perforation at front and it's reverse.

Both of the patterns are much used for wall decorating and ceiling decorating.

#### VISIBLE SURFACE

1. Veneering facing
2. Laminating facing
3. Rear surface black non-woven fabric, bonded.
4. Other decorative finishes

Surface

Substrate(MDF)

Black Felt



## APPLICATIONS

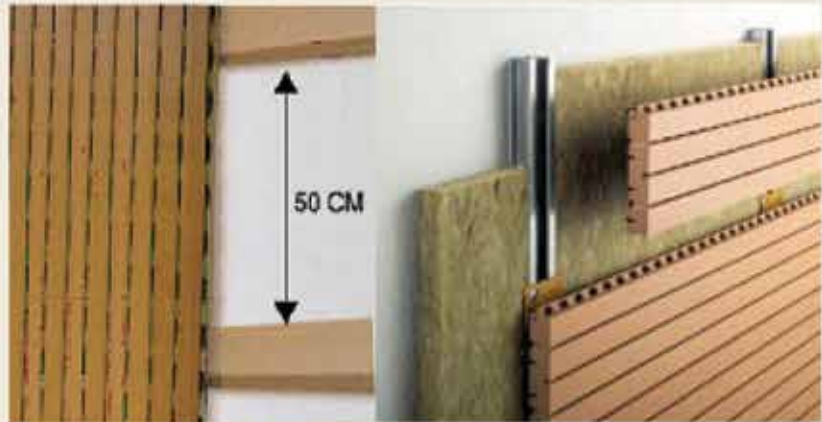
Wooden acoustic panels, Revolutionary system of sound absorbent strips for paneling ceiling, wall and partitions to the theaters, indoor gymnasiums, dance and leisure centers, cinemas, shopping centers, hotels, restaurants, studios, recording rooms, listening rooms, rehearsal rooms, auditoriums, schools, hospitals, libraries, offices, meeting rooms, conference halls, hotels, air ports, railways stations, manufactories and workshops.

## INSTALLATION

The wood panel packs must be opened 48 hours before installation, in the installation location, to allow the materials itself at ambient conditions.

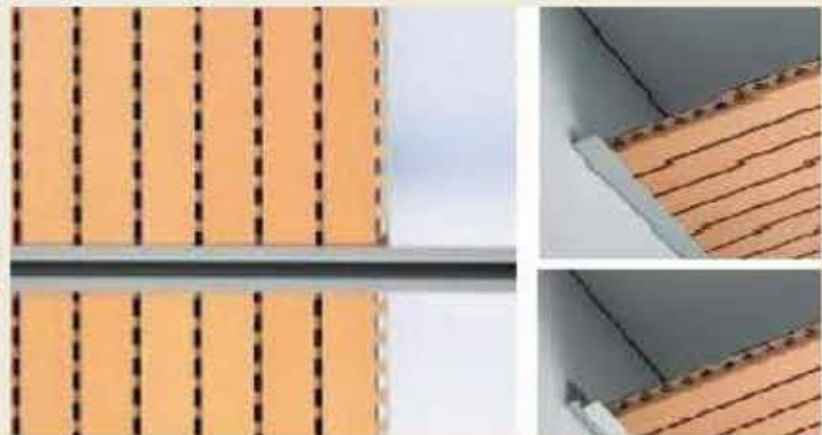
They have one long edge, which has a machined tongue, and the other long edge has a machined groove. The panels are fitted by mating the tongued edge to the grooved edge resulting in a seamless run of paneling.

Traditional woodworking tools are suitable.



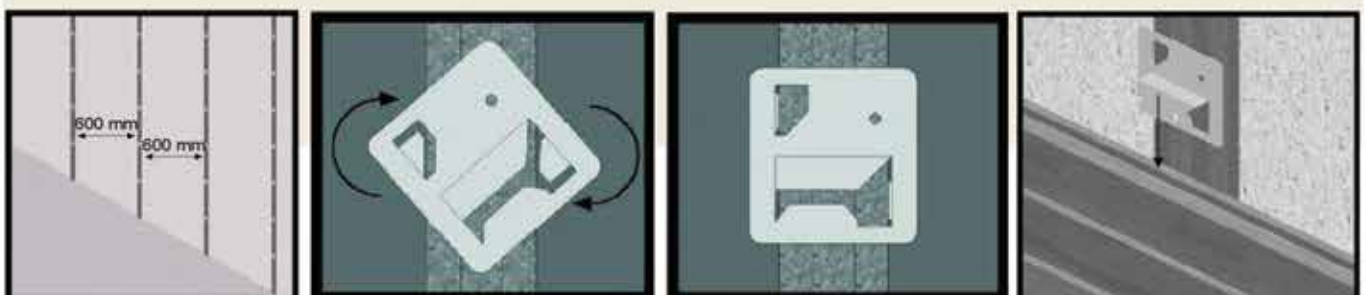
## FIXING

Light steel Keels fixing: the panels are fixed using steel keels and steel clips, fix the keels on the wall, via the tongue and groove joint to keel by clips, put glass wool in the space between the keels, the steel keels should be spaced between 60 mm. The panels can be re-used without screw holds when removed from the wall.



Wooden keels (battens) fixing: The panels are fixed using nails, staples or screws via the tongue and groove joint on to pre-installed timber battens (normally 50 x 50 mm) on the walls.

fill glass wool in the space between the keels.





Grove		Perforated		Used	Finish	Fixed System
Veneer	Melamine	Veneer	Melamine			
244X12.8-60 cm		244X12.8-60 cm		Wall Cladding	Satin Mate, Brushed, Maple, Beech, Modern gloss of Aluminum	A. Galvanized metal omega rail with Clip plates for anchoring to omega rail B. Wood mesh with screw and rail
60x120 60x60				Ceiling		Suspended ceiling system 60x60 cm with L+Z finish end

The panels are available in different finishes which coordinate with any need and style, from the brightness white to the feed of warm (Please call us)



Kadoorie University



Conference Theater Jawwal Main Building



Conference room Hotel Le Grotte\_Genga\_Italy



Conference Theater Jawwal Main Building

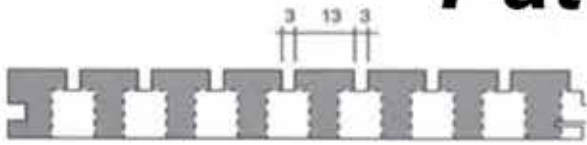


The Arab American University Theater

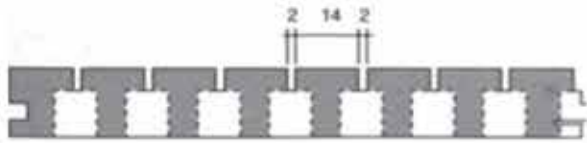


Law Faculty Theater -Najah University

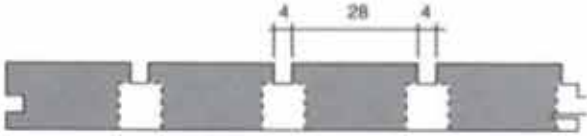
# Patterns



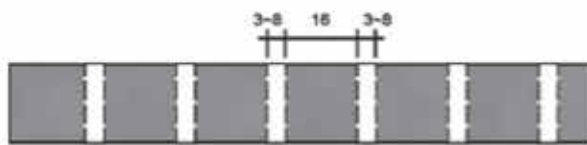
Pattern:13-3



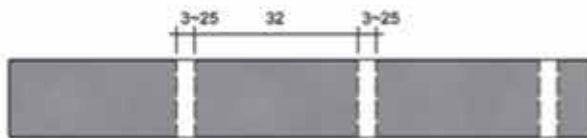
Pattern:14-2



Pattern:28-4



Pattern:16/16/3-8



Pattern:32/32/3-25



U type Design



M type Design



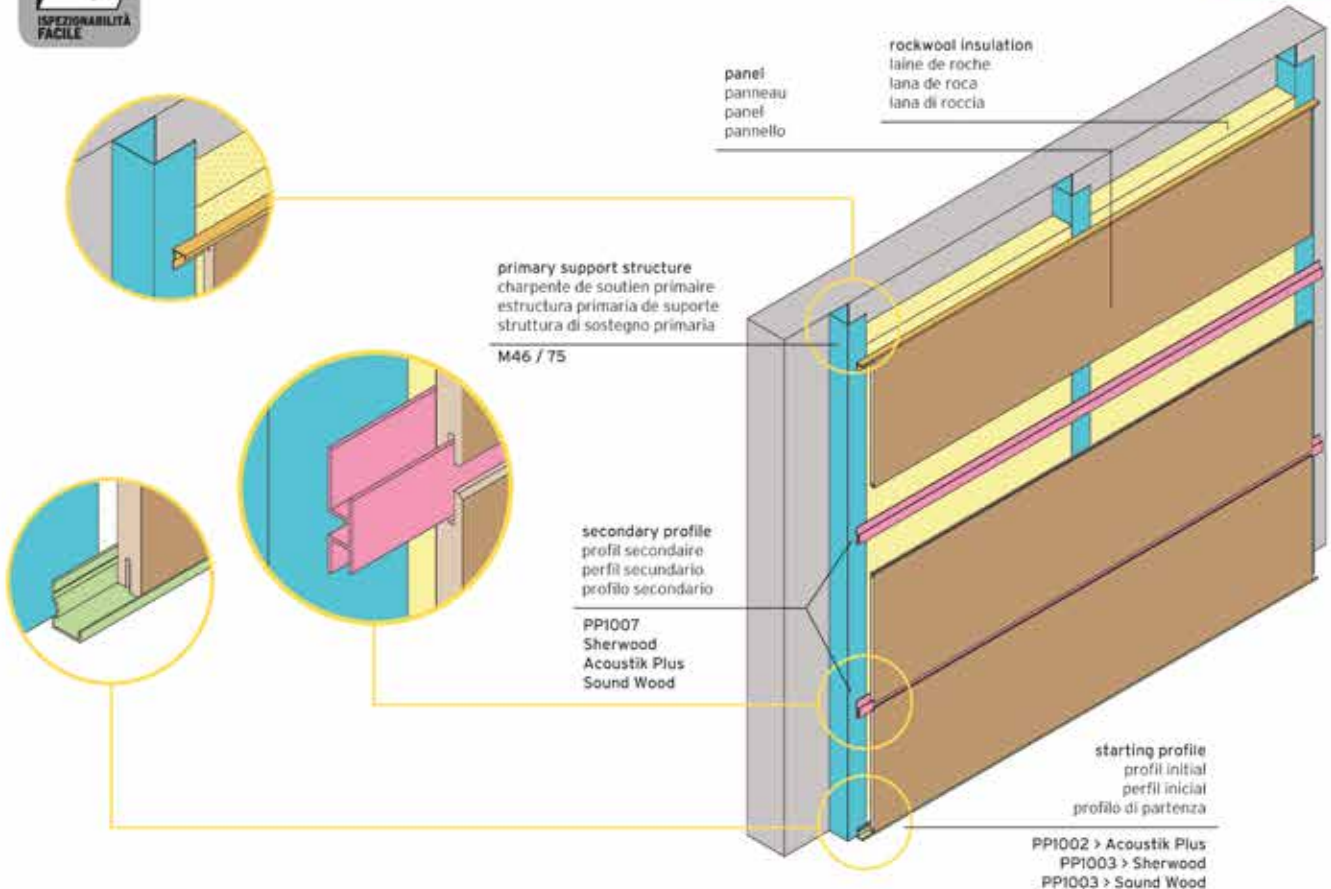
Crisscross Design



Mosaic Design



# WOOD COVERING SYSTEM WC7



## WALL CLADDINGS \_ CONTRE-CLOISON \_ CONTRAPARED \_ CONTROPARETE

### SHERWOOD MELAMINE \_ SHERWOOD REAL VENEER \_ ACOUSTIK PLUS \_ SOUND WOOD

WC7



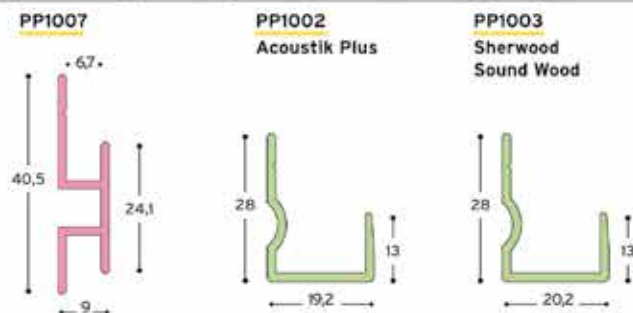
covering edge panel WC7  
panneau bord covering WC7  
panel borde covering WC7  
pannello bordo covering WC7

> cf. perforations/finishing/acoustic inlay pages/accessories/modularity  
> cf. perforations/finitions/performances acoustiques/accessoires/modularité  
> cf. perforaciones/acabados/rendimiento acustico/accesorios/modularidad  
> cf. perforature/finiture/prestazioni acustiche/accessori/modularità

## STRUCTURE \_ STRUCTURE \_ ESTRUCTURA \_ STRUTTURA

### system detail \_ details du système \_ detalles de sistema \_ dettaglio sistema

### system components \_ éléments du système \_ elementos de sistema / elementi del sistema



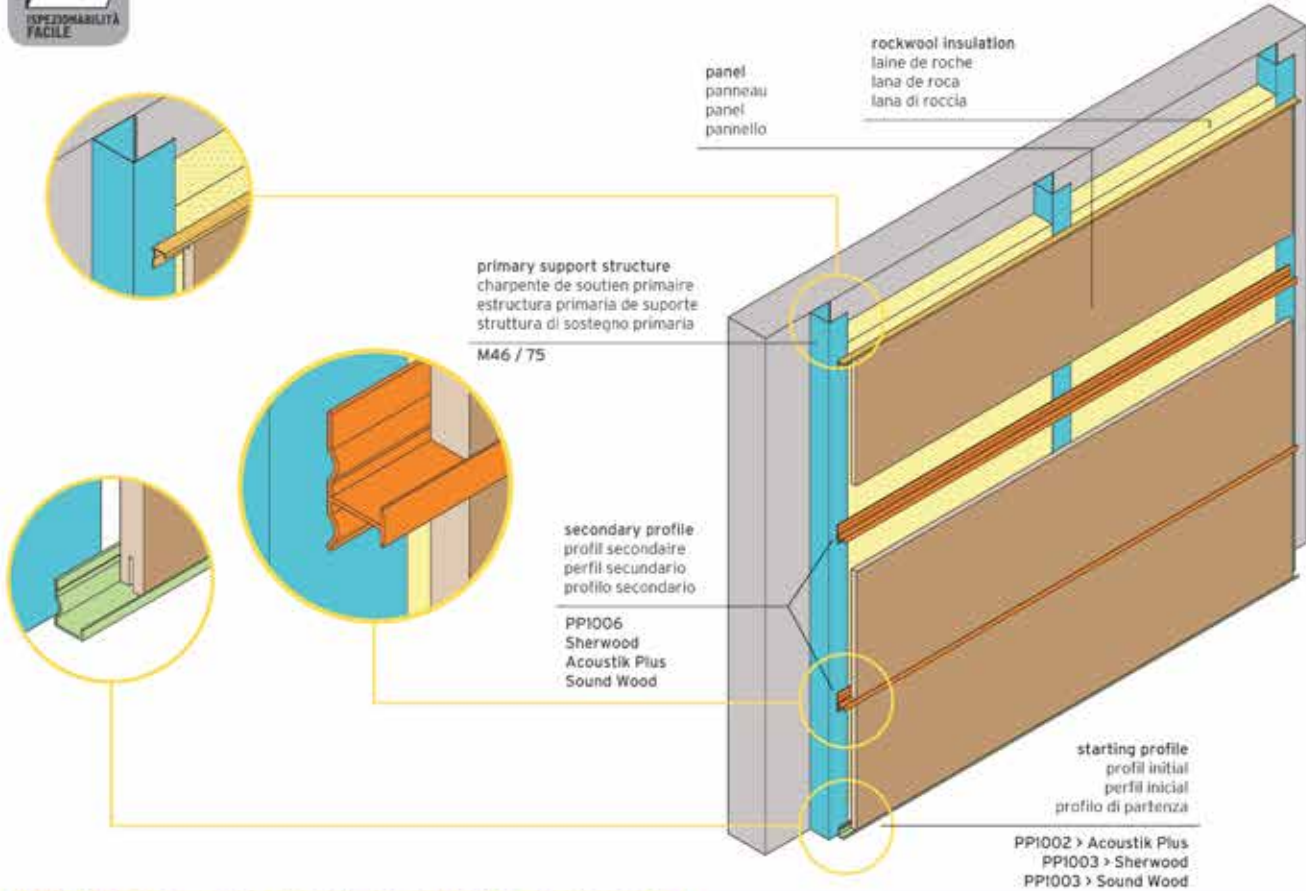
Technical dates / Aspects of performance value (UNI 13964 - 2005)  
Dati tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)

FIRE REACTION \_ REAZIONE AL FUOCO  
(Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE

DURABILITY \_ DURABILITÀ  
Protection against corrosion \_ Protezione contro la corrosione: EN 10327

M46 / 75		primary support structure charpente de soutien primaire estructura primaria de soporte struttura di sostegno primaria Incidence _ incidenza 1.67 ml/mq
PP1007		secondary profile _ profil secondaire perfil secundario _ profilo secondario Incidence _ incidenza 1.67 ml/mq x 600 L 3.3 ml/mq x 300 L
PP1002 Acoustik Plus PP1003 Sherwood Sound Wood		starting profile _ profil initial perfil inicial _ profilo di partenza
PPN1 / 40.1		rockwool insulation _ laine de roche lana de roca _ lana di roccia size _ dimensioni Incidence _ incidenza 600 x 1200 mm 1,38 pcs/mq

# WOOD COVERING SYSTEM WC6



## WALL CLADDINGS \_ CONTRE-CLOISON \_ CONTRAPARED \_ CONTROPARETE

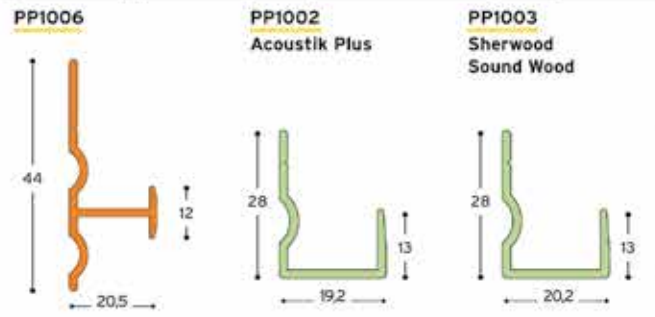
SHERWOOD MELAMINE \_ SHERWOOD REAL VENEER \_ ACOUSTIK PLUS \_ SOUND WOOD

<p><b>WC6</b></p>	<p>covering edge panel WC6 panneau bord covering WC6 panel borde covering WC6 pannello bordo covering WC6</p>	<p>&gt; cf. perforations/finishing/acoustic inlay pages/accessorizes/modularity &gt; cf. perforations/finitions/performances acoustiques/accessoires/modularité &gt; cf. perforaciones/acabados/rendimiento acustico/accesorios/modularidad &gt; cf. perforature/finiture/prestazioni acustiche/accessori/modularità</p>
-------------------	---	--

## STRUCTURE \_ STRUCTURE \_ ESTRUCTURA \_ STRUTTURA

system detail \_ details du système \_ detalles de sistema \_ dettaglio sistema

<p>system components _ éléments du système _ elementos de sistema elementi del sistema</p>	
<p><b>M46 / 75</b></p>	<p>primary support structure charpente de soutien primaire estructura primaria de soporte struttura di sostegno primaria incidence _ incidenza 1.67 ml/mq</p>
<p><b>PP1006</b></p>	<p>secondary profile _ profil secondaire perfil secundario _ profilo secondario incidence _ incidenza 1.67 ml/mq x 600 L 3.3 ml/mq x 300 L</p>
<p><b>PP1002 Acoustik Plus</b> <b>PP1003 Sherwood Sound Wood</b></p>	<p>starting profile _ profil initial perfil inicial _ profilo di partenza</p>
<p><b>PPN1 / 40.1</b></p>	<p>rockwool insulation _ laine de roche lana de roca _ lana di roccia size _ dimensioni incidence _ incidenza 600 x 1200 mm 1.38 pcs/mq</p>



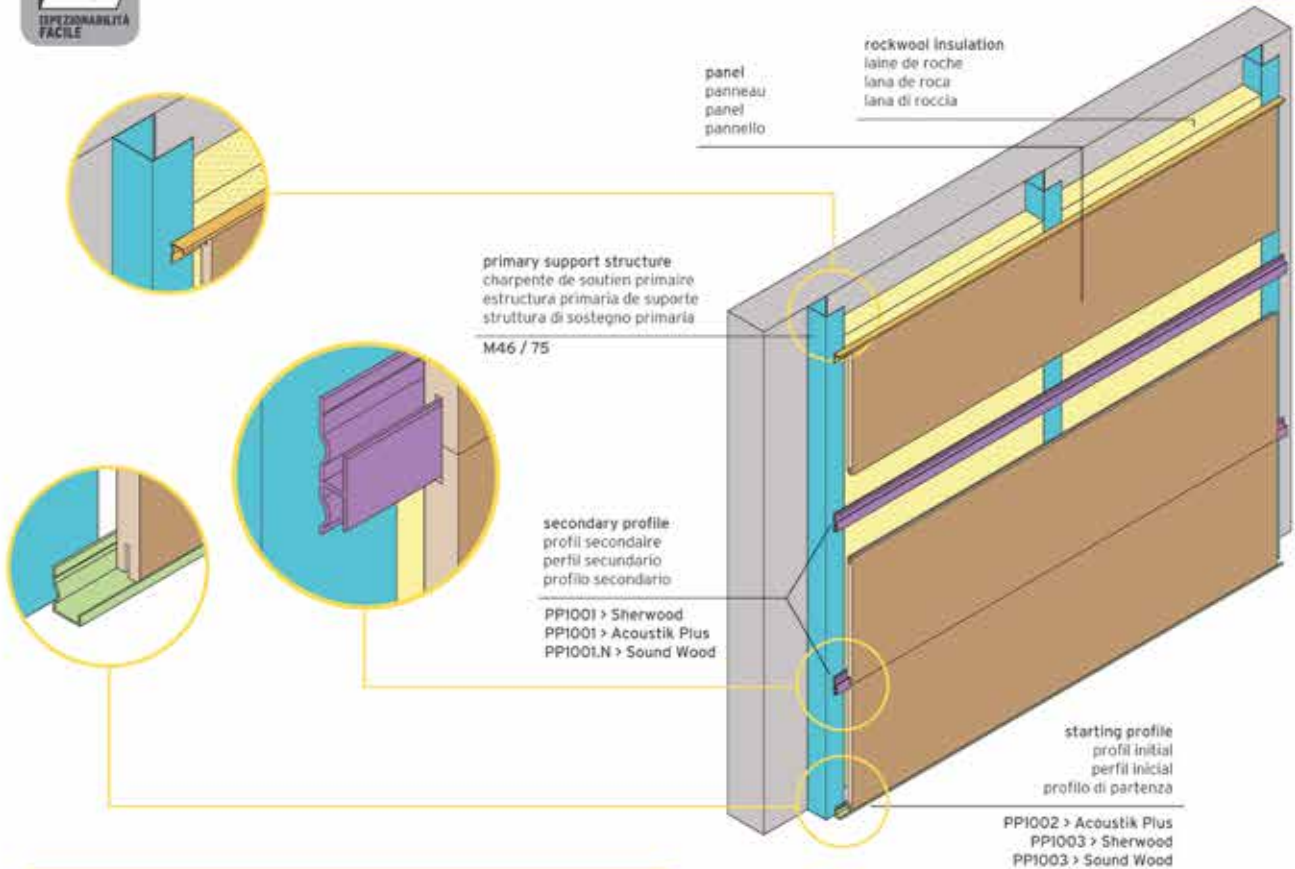
Technical dates / Aspects of performance value (UNI 13964 - 2005)  
Dati tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)

FIRE REACTION \_ REAZIONE AL FUOCO  
(Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE

DURABILITY \_ DURABILITÀ  
Protection against corrosion \_ Protezione contro la corrosione: EN 10327



# WOOD COVERING SYSTEM WC1



## WALL CLADDINGS \_ CONTRE-CLOISON \_ CONTRAPARED \_ CONTROPARETE

SHERWOOD MELAMINE \_ SHERWOOD REAL VENEER \_ ACOUSTIK PLUS \_ SOUND WOOD

WC1



covering edge panel WC1  
panneau bord covering WC1  
panel borde covering WC1  
pannello bordo covering WC1

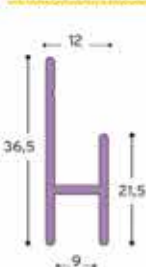
> cf. perforations/finishing/acoustic inlay pages/accessorizes/modularity  
> cf. perforations/finitions/performances acoustiques/accessoires/modularité  
> cf. perforaciones/acabados/rendimiento acustico/accesorios/modularidad  
> cf. perforature/finiture/prestazioni acustiche/accessori/modularità

## STRUCTURE \_ STRUCTURE \_ ESTRUCTURA \_ STRUTTURA

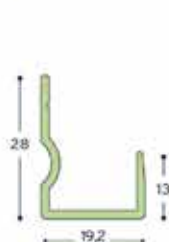
system detail \_ details du système \_ detalles de sistema \_ dettaglio sistema

system components \_ éléments du système \_ elementos de sistema  
elementi del sistema

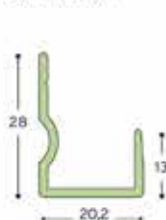
PP1001 / PP1001.N



PP1002  
Acoustik Plus



PP1003  
Sherwood  
Sound Wood



M46 / 75



primary support structure  
charpente de soutien primaire  
estructura primaria de soporte  
struttura di sostegno primaria  
incidence \_ incidenza 1.67 ml/mq

PP1001  
Acoustik Plus  
Sherwood



secondary profile \_ profil secondaire  
perfil secundario \_ profilo secondario  
incidence \_ incidenza

PP1001.N  
Sound Wood



1.67 ml/mq x 600 L 3.3 ml/mq x 300 L

PP1002  
Acoustik Plus



starting profile \_ profil initial  
perfil inicial \_ profilo di partenza

PP1003  
Sherwood  
Sound Wood



PPN1 / 40.1



rockwool insulation \_ laine de roche  
lana de roca \_ lana di roccia

size \_ dimensioni incidence \_ incidenza  
600 x 1200 mm 1.38 pcs/mq

Technical dates / Aspects of performance value (UNI 13964 - 2005)  
Datî tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)

FIRE REACTION \_ REAZIONE AL FUOCO  
(Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE

DURABILITY \_ DURABILITÀ  
Protection against corrosion \_ Protezione contro la corrosione: EN 10327

# modularity

## SUSPENDED CEILINGS

### SHERWOOD \_ ACOUSTIK PLUS

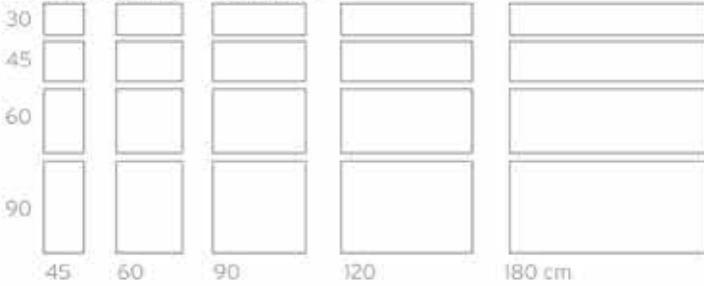


### SOUND WOOD

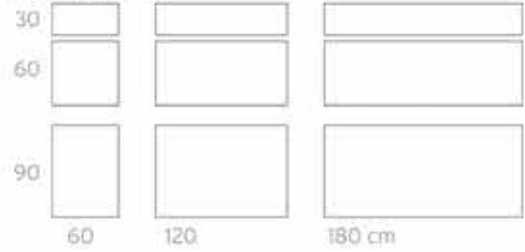


## WALL CLADDINGS

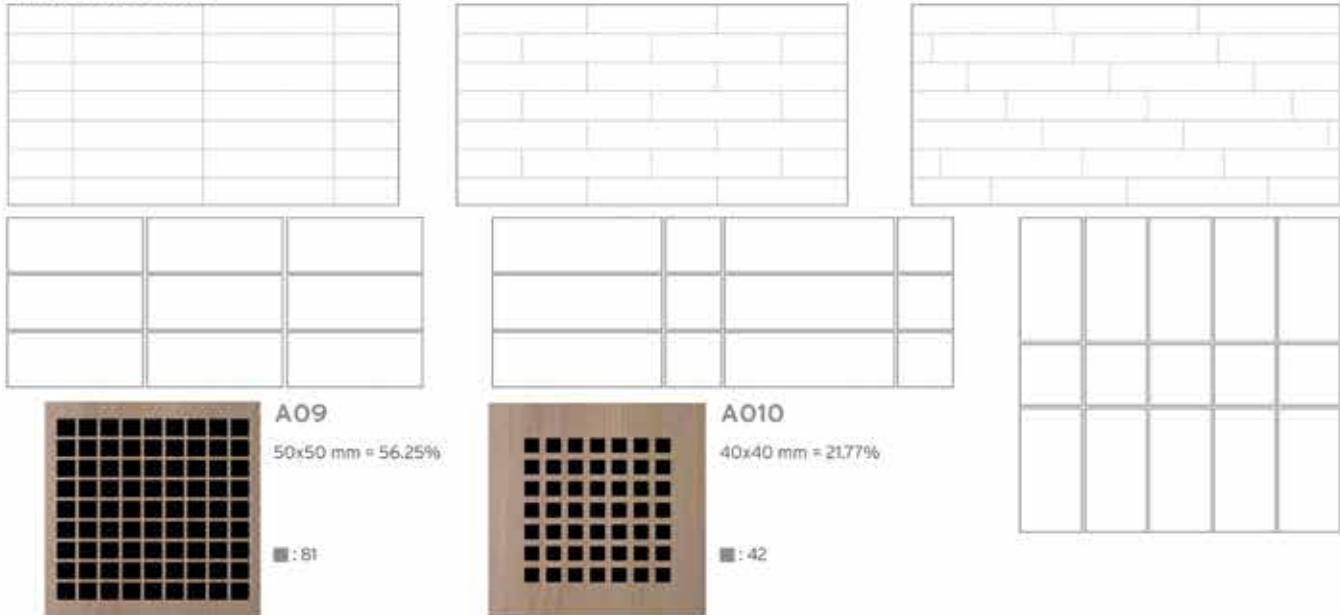
### SHERWOOD \_ ACOUSTIK PLUS



### SOUND WOOD



## sample compositions



## ABC = SHERWOOD ABC + ACOUSTIK PLUS STRIPS \_ LAMES \_ DUELAS \_ DOGHE



### F00 - DFO

280 x 1200 mm  
280 x 1500 mm  
280 x 1800 x 14 mm  
280 x 2100 x 14 mm



### F01 - DF1

Ø 6	Ø 8		
2.49%	4.43%	280 x 1200 mm	● : 296
2.48%	4.40%	280 x 1500 mm	● : 368
2.47%	4.39%	280 x 1800 mm	● : 440
2.50%	4.44%	280 x 2100 mm	● : 520



### F02 - DF2

Ø 6	Ø 8		
4.61%	8.19%	280 x 1200 mm	● : 548
4.60%	8.17%	280 x 1500 mm	● : 683
4.63%	8.22%	280 x 1800 mm	● : 825
4.65%	8.27%	280 x 2100 mm	● : 968



### F03 - DF3

Ø 6	Ø 8		
1.82%	3.23%	280 x 1200 mm	● : 216
1.94%	3.45%	280 x 1500 mm	● : 288
1.88%	3.35%	280 x 1800 mm	● : 336
1.85%	3.28%	280 x 2100 mm	● : 384



### A01 - CD1

6x66 mm	8x66 mm		
12.83%	16.99%	280 x 1200 mm	■ : 111
12.75%	16.90%	280 x 1500 mm	■ : 138
12.71%	16.84%	280 x 1800 mm	■ : 165
12.98%	17.05%	280 x 2100 mm	■ : 195



### A02 - CD2

6x66 mm	8x66 mm		
9.36%	12.40%	280 x 1200 mm	■ : 81
9.98%	13.22%	280 x 1500 mm	■ : 108
9.71%	12.86%	280 x 1800 mm	■ : 126
9.51%	12.59%	280 x 2100 mm	■ : 144



---

# 3

## *acoustical wood walls and Ceilings*

---