mechtrix®
NISHABD
...name defines living experience





NISHABD
WOODEN SERIES

ACOUSTICS | CEILINGS | PANELLING

www.mechtrixindia.com

NISHABD Wooden Slats are manufactured using wood in the form of boards. Earlier slats were solid and used majorly in flooring, fencing and even wall panelling where only aesthetics was considered. Over the time period as sound engineering grew, the same was designed in combination with perforations to attain the required sound parameters, without affecting the aesthetics.

Wooden slats are manufactured using pine wood based selected Pre-laminated Medium Density Fibre boards. The boards are neatly grooved and perforated based on the sound engineering parameters, and further specifically cut to required sizes of slats with Tongue & Groove arrangement for panelling purpose.





Applications

a. Sound Absorbing/Diffusing (Acoustic) source for
- Cinema hall
- Auditoriums
- Offices
- Conference hall
- Meeting rooms

b. Partition / Barriers
- Office partitions
- Roof top cottages.

and other applications where sound is a matter of concern

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NISHABD
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Why Nishabd

a. Customized groove size selection
b. Customized colour selection
c. Neatly trimmed edges
d. Exquisite finish grooves that are clean and scarless
e. Superior quality raw material
f. State-of-the-art machinery for precision forming
g. Good manufacturing practise
h. Certified product

FEATURES

- High Performance
- Flexible & Easily Customisable
- Easy Installation & Maintenance
- In House Design Team
- Made-to-Order Acoustic Panels





NRC - upto 0.9*

NISHABD SLATS

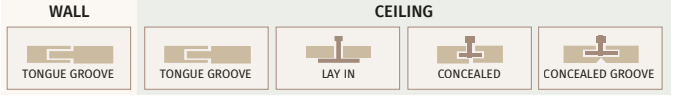
Acoustics - Ceilings - Paneling

DIMENSIONS

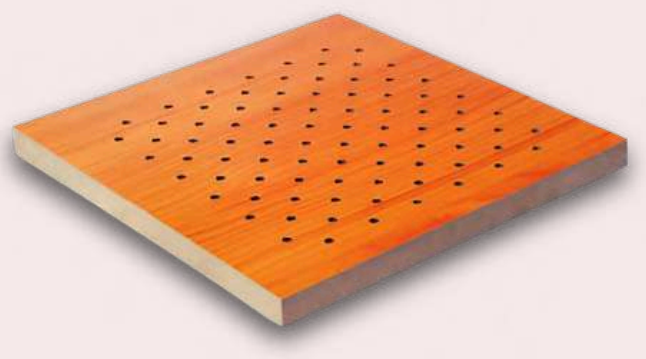
Thickness (mm)	11	17
Slat - Size (mm)	1200 x 2400	128x 2400; 192 x 2400; 1200 x 2400
	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; Custom Size.	
Groove - Size	L16/3 - L23/3 - L32/3 - Custom.	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR,
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, CC18, Edge Clip, Center Clip, Z-Clamp, Z-Clip, Z-Bar, T-Grid



NRC - upto 0.9*

NISHABD PERFO - R

Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; 1200 x 2400; Custom Size	
Perforation size	H16/3 - H32/3 - H16/6 - H32/6 - Custom.	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, CC18, Edge Clip, Center Clip, Z-Clamp, Z-Clip, Z-Bar,T-Grid



AVAILABLE IN A RANGE OF COLOURS TO SUIT YOUR DESIGNSPACE.

* Based on the system#; # System means product applied with or without airgap and infill##; ##Infill: Nishabd Fill

MAKE IN INDIA



NRC - NA

NISHABD DIFFUSE - PL

Acoustics - Ceilings - Paneling

DIMENSIONS

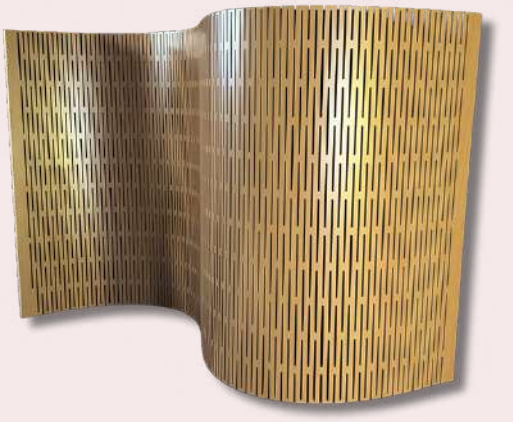
Thickness (mm)	11	17
Slat - Size (mm)	1200 x 2400	128x 2400; 192 x 2400; 1200 x 2400
	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; Custom Size	
Groove - Size	L16/3 - L23/3 - L32/3 - Custom	

PROPERTIES

Density (kg/m^3)	750 ~ 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, CC18, Edge Clip, Center Clip, Z-Clamp, Z-Clip, Z-Bar,T-Grid



NRC - NA

NISHABD FLEXI PANELS

Acoustics - Wall - Paneling

DIMENSIONS

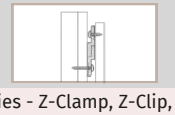
Thickness (mm)	17
Slit - Size (mm)	Proprietary
Groove - Size	L16/3 - L23/3 - L32/3 - Custom

PROPERTIES

Density (kg/m^3)	800
Core Material	Wood Fiber
Core Types	HDF - HDHMR - FR
Surface Finish	Melamine, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1

WALL AND CEILING

Square Edge Clip System



Accessories - Z-Clamp, Z-Clip, Z-Bar



AVAILABLE IN A RANGE OF COLOURS TO SUIT YOUR DESIGNSPACE.

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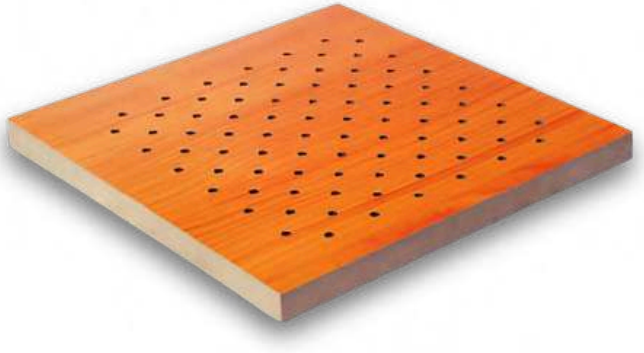
MAKE IN INDIA



NRC - upto 0.85*

NISHABD PERFO - CP

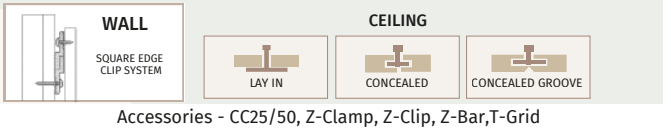
Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; 1200 x 2400; Custom Size	
Perforation size	H16/3 - H32/3 - H16/6 - H32/6 - Custom	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1

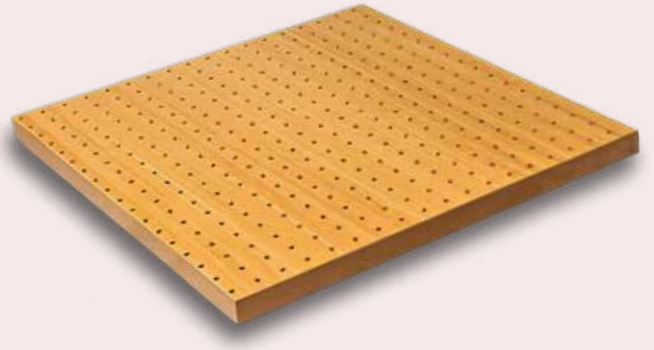


Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid



AVAILABLE IN A RANGE OF COLOURS TO SUIT YOUR DESIGNSPACE.





NRC - upto 0.85*

NISHABD PERFO - SP

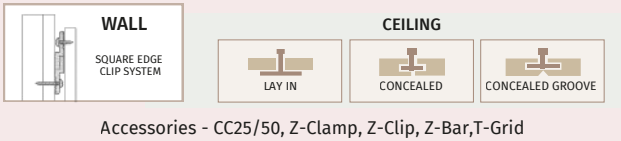
Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; 1200 x 2400; Custom Size	
Perforation size	H16/3 - H32/3 - H16/6 - H32/6 - Custom	

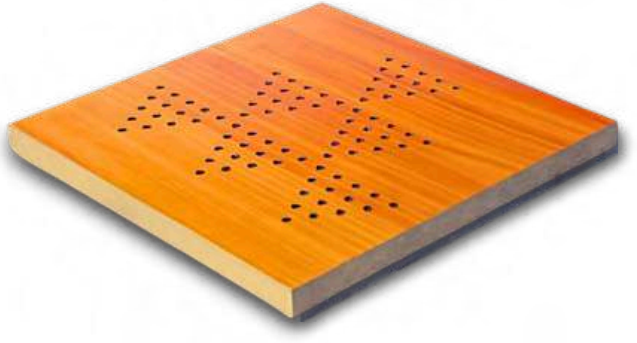
PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	MDF, HDF, HDHMR, FR, WPC
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid

* Based on the system[#]; [#] System means product applied with or without airgap and infill[##]; ##Infill: Nishabd Fill



NRC - upto 0.8*

NISHABD PERFO - CPT

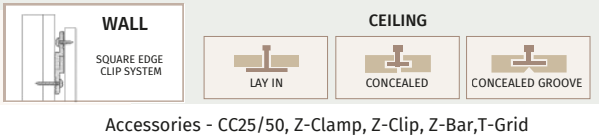
Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; 1200 x 2400; Custom Size	
Perforation size	T60/3 - T80/3	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid



AVAILABLE IN A RANGE OF COLOURS TO SUIT YOUR DESIGNSPACE.





NRC - upto 0.8*

NISHABD PERFO - CPH

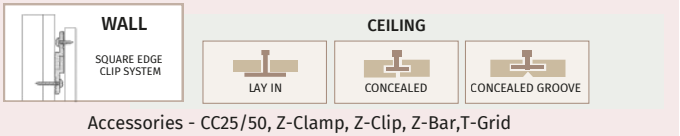
Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; 1200 x 2400; Custom Size	
Perforation size	H60 - H80 - H100	

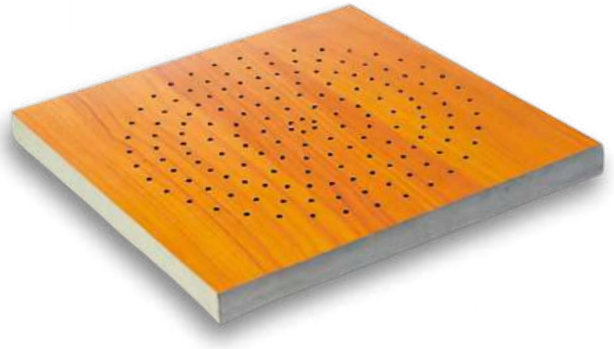
PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	MDF, HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid

* Based on the system#; # System means product applied with or without airgap and infill##; ##Infill: Nishabd Fill



NRC - upto 0.85*

NISHABD PERFO - CPC

Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200, 1200 x 2400; Custom Size.	
Perforation size	C16/3	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1

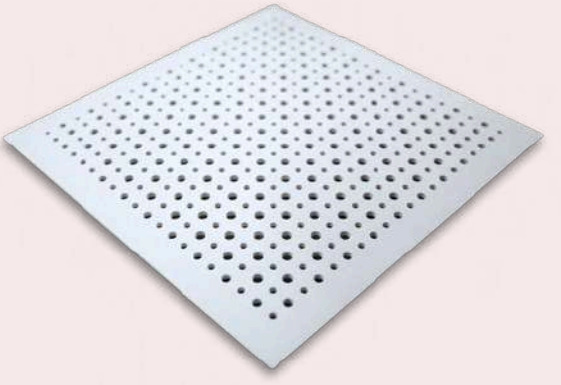


Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid



AVAILABLE IN A RANGE OF COLOURS TO SUIT YOUR DESIGNSPACE.





NRC - upto 0.85*

NISHABD PERFO - SPVH

Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200, 1200 x 2400; Custom Size.	
Perforation size	SV16/6-3 - SV32/6-3	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid

* Based on the system[#]; [#] System means product applied with or without airgap and infill[##]; ##Infill: Nishabd Fill



NRC - upto 0.85*

NISHABD CARVD - SS

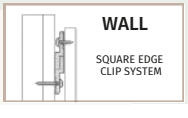
Acoustics - Ceilings - Paneling

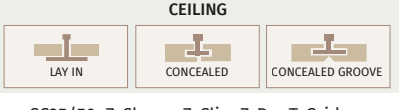
DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; 1200 x 2400; Custom Size.	
Slit Size	SS30/3-5 - SS50/3-5 - SS60/3-5	

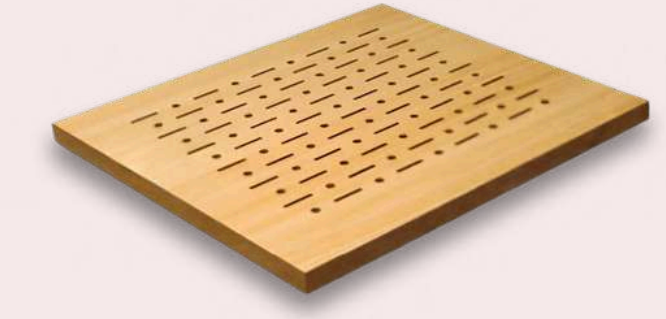
PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1





Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid



NRC - upto 0.85*

NISHABD CARVD - SH

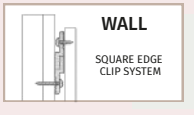
Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200, 1200 x 2400; Custom Size.	
Slit Size	SH30/5 - SH20/3 - SH50/5 - SH60/5	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1





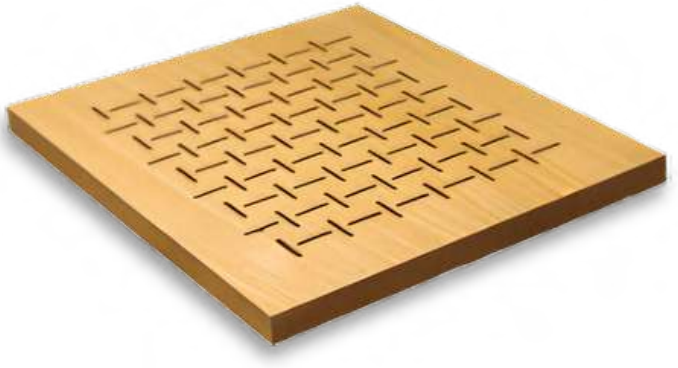
Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid



AVAILABLE IN A RANGE OF COLOURS TO SUIT YOUR DESIGN.

* Based on the system#; # System means product applied with or without airgap and infill##; ##Infill: Nishabd Fill





NRC - upto 0.8*

NISHABD CARVD - SP

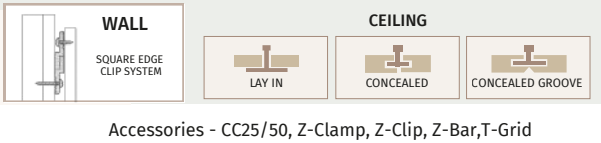
Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200; 1200 x 2400; Custom Size.	
Slit Size	SP30/5 - SP50/5 - SP60/5	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%) Green	Based on Color Selection
(VoC, RC%)	Low, Class 1



Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid



AVAILABLE IN A RANGE OF COLOURS TO SUIT YOUR DESIGN.





NRC - NA

NISHABD 3D DIFFUSE

Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	NA Custom
Size (mm)	Size

PROPERTIES

Density (kg/m^3)	NA
Core Material	Wood Fiber
Core Types	Solid Surface
Surface Finish	Semi Polish
Climate (RH)	NA
Light (%)	NA

WALL AND CEILING

Square Edge Screw System

* Based on the system#; # System means product applied with or without airgap and infill##; ##Infill: Nishabd Fill



NRC - upto 0.85*

NISHABD MICRO PERFO

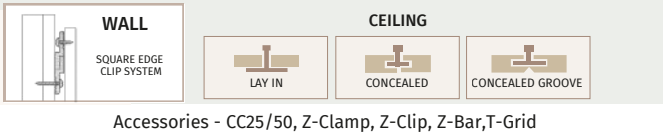
Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	11	17
Slat - Size (mm)	595 x 595; 595 x 1195; 600 x 600; 600 x 1200, 1200 x 2400; Custom Size.	
Perforation size	0.5 mm Dia, Pitch 5 mm	

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid



AVAILABLE IN A RANGE OF COLOURS TO SUIT YOUR DESIGN.





NRC - upto 0.85*

NISHABD PET SLATS

Acoustics - Ceilings - Paneling

DIMENSIONS

Thickness (mm)	25 mm (15/10)
Slat - Size (mm)	25 mm
Groove Size	12 mm

PROPERTIES

Density (kg/m^3)	750 - 1150
Core Material	Wood Fiber
Core Types	HDF, HDHMR, FR
Surface Finish	Melamine, Veneer, Raw
Climate (RH)	Upto 70%
Light (%)	Based on Color Selection
Green (VoC, RC%)	Low, Class 1



Accessories - CC25/50, Z-Clamp, Z-Clip, Z-Bar,T-Grid

* Based on the system#; # System means product applied with or without airgap and infill##; ##Infill: Nishabd Fill

NISHABD ACCESSORIES

For Wood Series



CC - 18

DIMENSIONS	
Height	18 mm
Length	2000 mm



Centre Clip - 18

DIMENSIONS
Clip Size 50 x 50 mm



Edge Clip - 18

DIMENSIONS
Clip Size 50 x 50 mm



Z-Clamp

DIMENSIONS	
Z-Clamp	25 x 150 mm



CC - 50

DIMENSIONS	
Height	50 mm
Length	2000 mm



Z-Bar

DIMENSIONS	
Z-Bar	50 x 2000 mm



Z-Clip

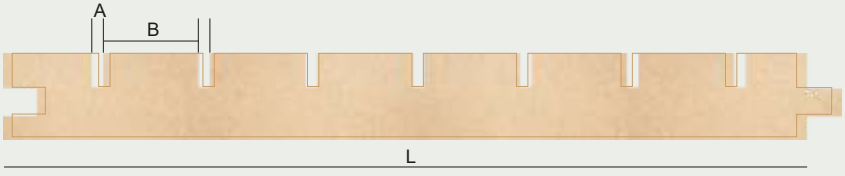
DIMENSIONS	
Z-Clip	25 x 50 mm



T-Grid

DIMENSIONS	
T-Grid	15 / 24 mm

Cross Section of Slat



Groove Size : L^{B}_{A}

L: Plank width

A: Groove width

B: Slat width

MAKE IN INDIA



BEECH VERUM
MN01



BEECH ARBOR
MNL02



MAPPLE AUREA
MNL03



CARAMEL LUX
MNL04



FINO TEAK
MNL05



CLASSICO WALNUT
MNL06



PERSICA WALNUT
MNL07



AUREUM WALNUT
MNL08



ELEGANTIA OAK
MNL09



TANGERINO WALNUT
MNL10



SAPELE EXOTICO
MNL11



CLASSICO WENGE
MNL12

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