



LARIPHON CMSD

is a composite panel with skins in Sapelli plywood and a core made by special rubbercork, which is suited to high acoustic insulation performances.

Thickness	Ref.	mm	12	15
Surface Weight	[]	kg/m ²	11,1	11,3
RW index	UNI EN 10140 EN ISO 717-1	dB	TBT	TBT
Fire Reaction	ECE-R 118 Annex 6	-	Passed*	Passed*

STANDARD SIZES

(2500 X 1530) mm

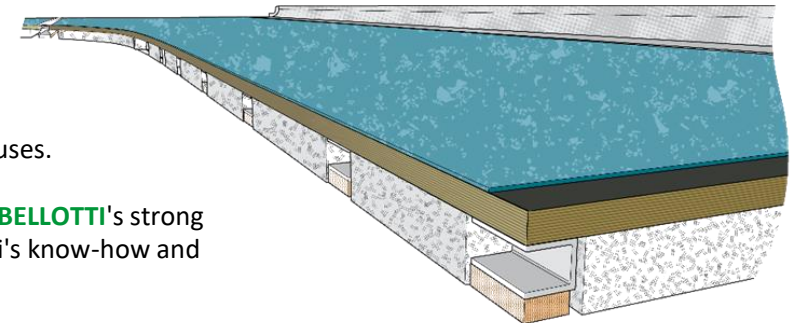
Special dimensions to be confirmed on demand

* = with flame retardant paint

APPLICATIONS

Lariphon CMSD application fields are on High-Speed Trains, Trains, Subways, Trams, Trucks and Buses.

Designed according to the **RAILWAY SECTOR** specifications and requirements, thanks to the solid **BELLOTTI**'s strong expertise in design, testing and supply integrated systems, our Customer can take profit of Bellotti's know-how and **co-design** with us the complete floor system.



RAILWAY

COMPOSITE PANELS

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LARIPHON CMSD is a composite panel with skins in Sapelli plywood and a core made by special rubbercork, which is suited to high acoustic insulation performances.

This composite panel is particularly suitable for projects in which is required high durability on a long time combined with very high mechanical and acoustic performances.

STANDARD SIZES

(2500 X 1530) mm

Special dimensions to be confirmed on demand

Properties		Standard	Unit	Values	
G E N E R A L	Nominal Thickness	[]	mm	12	15
	Thickness Tolerance	[]	mm	+0,2/-0,8	+0,2/-0,8
	Edge Straightness and Panel Squareness Tolerances	EN 315	mm/m	1	1
	Length and Width Tolerances	[]	mm	±2	±2
	Surface Weight	[]	kg/m ²	11,1	11,3
M E C H A N I C A L	Bonding Quality	EN 314-2	Class	3	3
	Bending Strength: Long Grain	EN 310	MPa	≥55	≥55
	Bending Strength: Cross Grain	EN 310	MPa	≥40	≥40
	E-Modulus: Long grain	EN 310	MPa	≥7500	≥7500
	E-Modulus: Cross grain	EN 310	MPa	≥4500	≥4500
	Screw withdrawal axial resistance	EN 13446	daN	TBT	TBT
	Airborne Sound Insulation	UNI EN 10140 EN ISO 717-1	dB	TBT	TBT
	Biological Durability	EN 350-1	-	Class 3	Classe 3
	Fire reaction	ECE-R 118 Annex 6	-	Passed*	Passed*
	Thermal Transmittance (by Calculation)	UNI EN ISO 6946	W/(m ² ·K)	14,1	9,1
Notes:	* = with flame retardant paint				
	TBT=To Be Tested				