



MAAD PLW RailFloor PH/HL3

Description

Birch plywood with 2 or 3 mm cork composite material used as the core to improve acoustic properties and protection against noise and to damp vibration.

Application



TECHNICAL PARAMETERS

FIRE PERFORMANCE EN 45545-2:2013+A1:2015 fulfilled the recommendations R10 – HL1, HL2

SOUND INSULATION: EN ISO 717-2:2013:08

THICKNESS	AIRBORNE SOUND INSULATION 100-3150 HZ
15-17mm	30,4 dB
18-20mm	31,0 dB
21mm	32,0 dB

DENSITY	-	716kg/m ³ for 15,7mm
GRADE CLASSES	-	B/BB
GLUING CLASSES	EN 314 BS 1203 DIN 68705 - 3	3rd Class H4 (previously WBP) Type BFU 100
FORMALDEHYDE EMISSION	EN ISO 12460-3:2016-3 EN 13986 test method according to EN 717-2 EN 1084:2001	0,01 mg/m ² h fulfilled the recommendations of the class 1 class A in progress
MEDICAL HARMLESSNESS	correspond with EN 13986	fulfilled of the class E1

STANDARD DIMENSIONS OF THE MATERIAL

THICKNESS [mm]	THICKNESS OF CORK [mm]	PLYWOOD THICKNES (the upper layer) [mm]	PLYWOOD THICKNES (the lower layer) [mm]	DIMENSIONS OF THE SHEET * [mm]
15,7	2	6,7	7	1250x2500, 1500x2500, 1525x3050
18	2	6,5	9	1250x2500, 1500x2500, 1525x3050
21	3	9	9	1250x2500, 1500x2500, 1525x3050

There is a possibility of cutting to size in accordance with your specifications or drawing.
* Other thicknesses / dimensions available on customer's request. Effective dimensions guaranteed as ordered.

DIMENSIONAL TOLERANCES

PARAMETER [mm]	TOLERANCE	
LENGTH, WIDTH	< 1000	± 1mm
	1000 – 2000	± 2mm
	>2000	± 3mm
RIGHT ANGLE	± 0.1%	
EDGE STRAIGHTNESS	± 0.1%	