



# MAAD PLW RAIL FLOOR PH/HL3 LIAQ

### 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



### TECHNICZL PARAMETERS:

<b>FIRE PERFORMANCE</b>	EN 45545-2	fulfilled the recommendations R10 – HL1, HL2, HL 3								
<b>SOUND INSULATION:</b>	EN ISO 717-2:2013:08	<table border="1"> <thead> <tr> <th>THICKNESS</th> <th>AIRBORNE SOUND INSULATION 100-3150 HZ</th> </tr> </thead> <tbody> <tr> <td>16mm</td> <td>30,4 dB</td> </tr> <tr> <td>18mm</td> <td>31,0 dB</td> </tr> <tr> <td>21mm</td> <td>32,0 dB</td> </tr> </tbody> </table>	THICKNESS	AIRBORNE SOUND INSULATION 100-3150 HZ	16mm	30,4 dB	18mm	31,0 dB	21mm	32,0 dB
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16mm	30,4 dB									
18mm	31,0 dB									
21mm	32,0 dB									
<b>DENSITY</b>	-	716kg/m <sup>3</sup> for 15,7mm								
<b>GRADE CLASSES</b>	-	B/BB								
<b>GLUING CLASSES</b>	EN 314 BS 1203 DIN 68705 - 3	3rd Class H4 (previously WBP) Type BFU 100								
<b>FORMALDEHYDE EMISSION</b>	EN ISO 12460-3:2016-3 EN 13986 test method according to EN 717-2 EN 1084:2001	0,01 mg/m <sup>2</sup> h fulfilled the recommendations of the class 1 class A in progress								
<b>MEDICAL HARMLESSNESS</b>	correspond with EN 13986	fulfilled of the class E1								

### STANDARD DIMENSION 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]
16	2	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.

## TECHNICAL DATA SHEET

### DIMENCIONAL TOLERANCE:

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