






# BLACK POLY COATED BIRCH SPRUNG FLOOR SPECIFICATION GUIDE

O'MARA	DIMENSIONS	WEIGHT	INSTALLED THICKNESS
4x4 Standard	47.500" x 47.500" x 18mm	42 lbs	1.500"
4x2 Standard	47.500" x 23.750" x 18mm	21 lbs	1.500"

**PANEL** Baltic Birch, Imported

PLY	FACE	BACK
13-Ply 18mm 47.500" x 47.500" x 18mm thick BB/BB	One piece Birch face veneer plywood with up to 6 footballs	Whole piece sound Birch with up to 6 footballs
		

CORE	GLUE	DIMENSIONS
Birch	Formaldehyde free; CARB Phase 2 Certified for formaldehyde emissions	Precision Machined ± 0.005"

**CROSSBANDS NEXT TO FACE & BACK** Birch

**FINISH** Durable Textured Industrial Coating

TOP	BOTTOM	EDGES
Polyurea spray; textured surface, multi-purpose material designed for automotive applications. It exhibits excellent adhesion to most materials and is suitable as a protective-abrasive-impact liner for cementitious, wood and/or metal surfaces. 0.060" thick.	One coat LEED compliant water-based urethane	0.750" edge of panel, (1) coat of water based commercial urethane, pressure applied

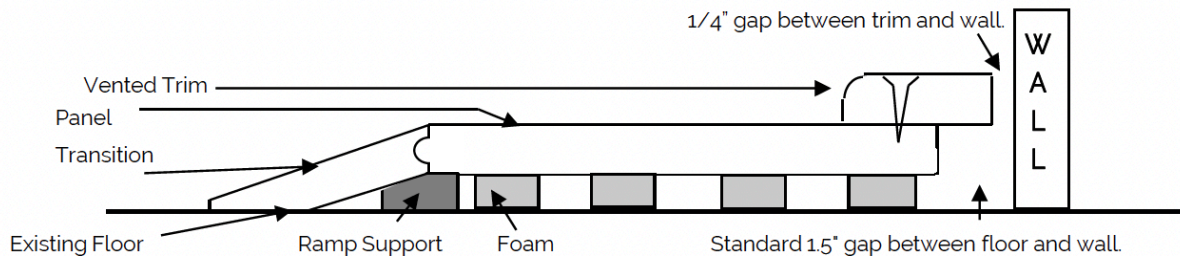
VOC CONTENT	ABRASION RESISTANT	IMPACT RESISTANT
Less than 4 g/L	0.3% per 1,000 cycles	2300 PSI min.

PEFC CERTIFICATION	SHORE HARDNESS	SKID RESISTANT
Complies	85-90	Aggressive Texture

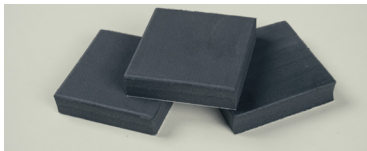
DIN STANDARD PART II TEST RESULTS (AVG)	SHOCK ABSORPTION (FORCE REDUCTION)	VERTICAL DEFORMATION (VERTICAL DEFLECTION)	AREA DEFLECTION (AREA INDENTATION)
Requirement	Min 53%	Min 2.3 mm	Max 15%
O'Mara Birch Subfloor Grade	70%	3.9mm	12%

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## SIDE VIEW OF FLOOR



SHOCK ABSORPTION MATERIAL	DENSITY	DIMENSIONS	CRITERIA
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2 lb, closed cell, cross-linked polyethylene foam blocks

3.000" x 3.000" x 0.750" ± 0.03125" thick

(16) foam suspension blocks per 47.500" x 47.500" panel

TONGUE & GROOVE SYSTEM	MACHINED	DIMENSIONS	CRITERIA
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CNC machined, integrated 0.375" diameter tongue, machined to precise tolerances of ± 0.005"

Groove is precision machined 0.1875" radius for accurate fit less 0.375" at (4) corners

Tongue runs length of 0.750" edge, less 0.875" at (4) corners

TRANSITIONS RAMPS	DEGREE	DIMENSIONS	WEIGHT	MATERIALS
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6" Standard Yellow Ramp

11° ramp

47.500" length x 14.875" depth x 0.250" nose  
Groove is precision machined 0.1875" radius 5.750" ends are tongue and groove

5 lbs

Birch w/ Yellow Polyurethane aggressive texture



15" ADA Ramp

5° ramp

47.500" length x 14.875" depth x 0.250" nose  
Groove is precision machined 0.1875" radius 14.875" ends are tongue and groove

12 lbs

Same as O'Mara Sprung Floor Panels or comparable material



Custom ramp

47.500" length x custom depth x 0.250" nose  
groove is custom

N/A

Black w/ Yellow or Black Polyurethane on Birch