



# ASH ANTI-FATIGUE FLOOR SPECIFICATION GUIDE

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

**PANEL** Michigan White Ash (Sustainable sources with 3rd party certification)

PLY	FACE	BACK
9-Ply 18mm 0.078" + 0.010" thick veneer panel ~ 0.082" thick ply	#1 Whole piece uniform <i>Golden White Ash</i>	#1 Whole piece uniform <i>Golden White Ash</i>
		

CORE	GLUE	DIMENSIONS
Sound White Ash or Ash 0.125" Maximum core voids	Formaldehyde free; CARB Phase 2 Certified for formaldehyde emissions	Precision Machined ± 0.005"

**CROSSBANDS NEXT TO FACE & BACK** Whole piece sound *White Ash*

**FINISH** Ceramic Base, Aluminum Oxide

TOP	BOTTOM	EDGES
8 coats UV application process; UV-PU Flexible Sealer Insulation, UV Filler, Durable UV-PU Sealer, Durable UV-PU Sealer, UV-PU Sand Sealer, UV-PU Sand Sealer, UV Top Coat Wear Resistant, UV	3 coats UV cured sealer; UV-PU Sealer & Insulation, UV-PU Sand Sealer, UV-PU Sand Sealer	0.750" edge of panel, (1) coat of water based commercial urethane, pressure applied

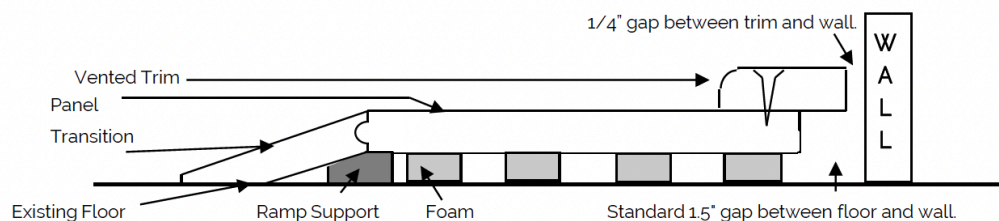
ADHESION	ABRASION RESISTANT	IMPACT RESISTANT
Cross hatch class 5B: ASTM D3358	ASTM D4060; 23,500 revolutions	5N

JANKA HARDNESS RATING	STAIN RESISTANT	SKID RESISTANT
ASTM d1037 Hardness Test 1450	DIN68 863 part II resists all common household chemicals and most organic solvents	ASTM D2394 Coefficient of Friction; Static 0.7-0.8

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 Ash	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