

Description of Toolkit Scoring

Primary Rating

- 4 Exceptional material
- 3 Good material
- 2 Material that has as many negative as positive attributes
- 1 Materials with below average environment, health and safety issues
- 0 Materials that should be avoided

Impact Area Ratings

- ++ Exceptional performance or characteristics in the criteria
- + Good performance or characteristics in the criteria
- 0 Neutral impacts or performance in this criteria
- Below average performance or impacts in the criteria
- Bad performance or impacts in the criteria
- v Variable performance in this criteria

Impact and Sub-Impact Areas

Resource – this is the primary impact area. It includes impacts related to the manufacturing or obtaining the material. This includes eco-system impacts, energy and water requirements and generation of waste

Human Health – this sub-impact area has less weighting and focuses primarily on human health impacts during construction and the show but also incorporates secondary impacts throughout the materials other life cycle)

End of Show Fate – this sub-impact area rates the materials' end of life fate and takes into consideration its potential for recycle and ecosystem toxicity issues if disposed of

Care – TK

Energy Use – TK

Toxics – TK

Wood Products

	Item	Score Modification	Resource	Human Health	End of Show Fate
4	Wood or agricultural products with recycled (PCR) content greater than 75%		++	+	v
	Forest Stewardship Council (FSC) certified woods		++	+	+
	Cork		++	+	+
	Reclaimed wood or wood products		++	+	v
	Homasote		++	+	0
3	Wood products with recycled (PCR) content between 10 and 75%		+	+	v
	Sustainable Forest Initiative (SFI) certified		+	+	+
	Canadian Standards Association (CSA) certified		+	+	+
	Ash	FSC, SFI or CSA move up 1.	+	+	+
	Beech	FSC, SFI or CSA move up 1.	+	+	+
	Oak	FSC, SFI or CSA move up 1.	+	+	+
	Cheery	FSC, SFI or CSA move up 1.	+	+	+
	Maple	FSC, SFI or CSA move up 1.	+	+	+
	Poplar	FSC, SFI or CSA move up 1.	+	+	+
	Lyptus ^a	FSC, SFI or CSA move up 1.	+	+	+
	Raffia	FSC, SFI or CSA move up 1.	+	+	0
	Rubberwood	FSC, SFI or CSA move up 1.	+	+	+
	Bamboo	FSC, SFI or CSA move up 1.	+	+	+
Wicker		+	+	0	
2	Wood products with recycled content less than 10%		0	+	v
	Advance Guard [®] (Borate) pressure treated wood		0	0	0
	Fiber boards made from agricultural waste	FSC, formaldehyde-free resin or organic fiber waste based move up 1.	++	-	-
	Pine	FSC move up 2. SFI or CSA move up 1.	-	+	+
	Fir	FSC move up 2. SFI or CSA move up 1.	-	+	+
	Spruce	FSC move up 2. SFI or CSA move up 1.	-	+	+
	Cypress	FSC move up 2. SFI or CSA move up 1.	-	+	+
	Cedar	FSC move up 2. SFI or CSA move up 1.	-	+	+
	Common Plywood, Chipboard, Fiberboard, MDO, OSB (oriented strand board), MDF (medium density fiber board), Hardboard (Masonite)	FSC, SFI or CSA move up 1. If non-urea-formaldehyde glues are used move up one point If fiberboard uses wastes from certified organic crops move up 1.	++	-	0
1	Preserve, NatureWood, and Natural Select, pressure treated wood	FSC, SFI or CSA move up 1.	0	-	-
	Veneers from threatened species (www.rainforestrelief.org/What_to_Avoid_and_Alternatives/Rainforest_Wood/What_to_Avoid_What_to_Choose/By_Tree_Species.html)		--	+	0
	Endangered Woods	See this site for a list (www.rainforestrelief.org/What_to_Avoid_and_Alternatives/Rainforest_Wood/What_to_Avoid_What_to_Choose/By_Tree_Species.html)	--	+	+
	Virgin clear-cut old growth		--	+	+
	Lauan products (non-FSC certified)	FSC move up 2. SFI or CSA move up 1..	--	+	+
0	Wolmanized [®] pressure treated Lumber (CCA)	FSC move up 2. SFI or CSA move up 1.	0	--	--
	Melamine laminate woods	FSC move up 2. SFI or CSA move up 1.	-	--	-

Plastics and Foams

	Item	Score Modification	Resource	Human Health	End of Show Fate
4	Plastics and foams with recycled content greater than 75%		++	v	v
	Re-used plastics and foams		++	v	v
3	Plastics and foams with recycled content between with 10 and 75%		+	v	v
	Polypropylene (PP)				
	Polyethylene (LDPE, HDPE, LLDPE and UHMWPE))				
2	Plastics and foams with a PCR content less than 10%		0	v	v
	Polyester (PET)	Antimony-free move up 1	0	-	++
	Bioplastics and foams (e.g., PLA, PDO)	Certified organic move up 2	0	0	v
	Ethylene vinyl acetate (EVA)		0	0	-
	Latex	Certified organic move up 1	0	0	-
	Surlyn		0	0	-
	Silicone		+	0	--
1	Acrylic ("Plexiglass")		-	0	-
	Delrin		-	0	-
	Melamine		-	-	--
	Neoprene		-	0	--
	Nylon		-	0	0
	Phenol-formaldehyde resins		-	-	--
	Polystyrene (PS) (e.g., Styrofoam® -- white, blue, green, etc., laminated to paper such as Gator Board®)		-	0	0
	Polytetrafluoroethylene (PTFE) (e.g., Teflon®)		--	0	-
Polyester resins (MEK hardener)	Styrene-free move up 1	-	-	--	
0	Polyurethane (PU) and polyurethane foams		--	--	--
	Acrylonitrile butadiene styrene (ABS)		--	-	-
	Epoxy (with bisphenol-A) resins and laminates (e.g., fiberglass)		--	--	-
	Polycarbonate (PC) Lexan®		--	-	-
	Polyvinyl chloride (PVC) "Sintra®"		0	-	--
	Styrene butadiene rubber (SBR)		-	-	--
	Urea-formaldehyde resins		-	--	--

Metals

	Item	Score Modification	Resource	Human Health	End of Show Fate
4	Metals with a recycled content greater than 75%	Except for alloys of lead and mercury, some bronzes, old pewter - this will move the score down 2 points	++	v	++
	Reused metals		++	v	++
3	Metals with a recycled content between 10 and 75%;		+	+	++
	Brass		+	0	++
	Copper		+	+	++
	Iron		+	+	++
	Pewter (lead-free)		+	+	+
	Stainless steel		+	+	++
	Steel		+	+	++
	Tin		+	+	+
	Zinc		+	+	+
2	Aluminum		-	+	++
1	Gold		-	+	++
	Silver		-	+	++
	Alloys with lead less than less than 5% (some bronzes, old pewter)		-	-	+
0	Lead		-	--	++

Mō'olelo Performing Arts Company
DRAFT

Glass, Ceramics, Earthen Materials

	Item	Score Modification	Resource	Human Health	End of Show Fate
4	Glass, ceramics, and mineral products with recycled content greater than 75%		++	+	++
	Unfired clay products		++	++	0
3	Glass, ceramics, and mineral products with recycled content between 10 and 75%	If ceramics are glazed with materials that contain heavy metals score moves down 2	+	v	++
	Beverage bottle glass (clear, brown, green)		+	v	++
	Gems (tourmaline, quartz, etc.)		-	+	+
	Marble		0	+	+
2	Fiberglass, non-formaldehyde resin coated		+	0	0
	Glass, ceramics, and mineral products (other than bottles and jars), recycled content less than 10%	Ceramics with FDA approved glazes (www.cfsan.fda.gov/~lrd/fdaact.html#lead) move up 1	0	v	0
	Granite		0	-	+
	Slate		0	-	+
	Drywall (gypsum board)	If drywall uses appropriate recycled content move up 1	-	+	0
1	Non-recyclable glass (blue glass, tempered/safety/Pyrex glass, drinking glass, window glass)		-	+	--
	Concrete	If concrete uses appropriate recycled fly ash and/or aggregate move up 1	--	+	-
0	Ceramics with non-FDA approved glazes (www.cfsan.fda.gov/~lrd/fdaact.html#lead)		-	--	--
	Fiberglass with formaldehyde finish		+	--	--
	Glass and epoxy (bisphenol-A) resin laminates		0	--	--
	Leaded glass		-	--	--