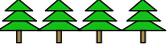


GREEN MATERIALS COMPARISON CHART (NOEL'S TOP TEN)

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TRADITIONAL PRODUCT	GREEN/HEALTHY PRODUCT	ENVIRONMENTAL BENEFITS/DETRIMENTS	WHAT NOEL SAYS . . .	Green Factor Cost Factor
VINYL FLOORING Sheet Vinyl flooring	Linoleum Sheet Linoleum Tile	Plant Based material, all natural. 100% recycleable, non-offgassing Less energy to create, no PVC, no dioxins	"Why use pvc, whose manufacture creates dioxins, when plant base linoluem works just as well for the same price?"	 
FINISH LUMBER Traditionally forested wood	FSC Certified Wood Forestry Stewardship Council	Farmed supply of trees that are "managed" Habitat Protection, No Clear Cutting, less damage to habitats	"For pennies on the dollar more, you can rest assured the forests were taken care of when the lumber was extracted"	 
CONCRETE Portland Cement	Fly Ash to replace a portion of the Portland Cement	Less mining involved (of portland cement) Ash by-products from coal manufacturing Less energy to create fly ash	" The making of portland cement is one of the world's most environmentally damaging manufacturing processes."	 
REDWOOD DECKING	Trex® Decking, ChoiceDeck, ChemWood, Smart Wood FSC Certified Decking	100% recycled material (post consumer) Care Free maintenance, no sealing required No splinters, shrinkage, cracking, splitting	"We just don't specify redwood for decks anymore, I can't think of a good reason why I ever would use it again."	 
MUDSILLS (PTDF) pressure treated wood CCA (chromated copper arsenate) ACZA (ammonium copper zinc arsenite)	ACQ pressure-treated wood (ammonia copper quatarnary) or Borate-treated (not paintable)	No arsenic or chromium - much less volatile "Clean" disposal at end of useful life Same price, much safer for humans.	"I worry about these chemicals (CCA, ACZA) perhaps becoming the next asbestos, once we learn more about their effect on humans."	 
FRAMING LUMBER Traditional and lumber	Manufactured/Engineered Lumber or "TJI's" FSC Certified Framing Lumbe	Recycled components, smaller trees used Lighter, stronger, easier construction Quieter floors, no shrinkage or squeaks	"We haven't specified "sticks" for years, it just doesn't make economic sense, let alone environmental sense."	 
HEATING SYSTEMS Forced Air Heating	Hydronic Radiant Floor Heat Ground Source Heat Pump	Lower heating bill, payback over time Healthier, esp. for hyper-allergic people Superior Comfort, heat where you need it	"Radiant Floor Heating systems are without question, the best in the world for human comfort. Bar none."	 
THERMAL INSULATION Paper-faced fiberglas batts	Sprayed Cellulose Sprayed Foam (Icynene) Recycled Cotton Batts	Recycled newspaper treated w/Borates Safer, better air barrier, no ventilation req'd Recycled Blue Jeans ! Safe to install !	"If you have to wear gloves and a mask to install it, maybe you should reconsider having it in your house at all"	 
HARDWOOD FLOOR standard oak hardwood	Bamboo Plank Flooring Numerous other species that are FSC Certified	Bamboo has 3 to 4 year growth cycle Harder than oak, similar price range Looks great, variety of colors & stains	"Bamboo, or any other FSC Certified Hardwood feels so much better than cutting down a 300 year old oak."	 
PARTICLE BOARD shelving, underlayment cabinets, interior trim	Wheat Board Straw Board	100% Recycled material made from agricultural waste, wheat straw. No Formaldehyde used at all.	"breathing formaldehydes is a proven risk to human health, why risk it?"	 

 one "\$" sign means same price as standard

 the more trees, the greener, healthier, more sustainable the material