Item being compared	Conventional	Cost	Per	Need
Roofing	Asphalt shingles	3.60-5(4.5)	sq ft	750'sq
Insulation (materials) (1/2 ◆)	Fiberglass	1	sq ft	2450's
Membrane •	Tyvek			
Sheathing •	Plywood	29	4x8;0.91sf	1k sqft
Interior walls, ceilings (1/2 ◆)	Sheet rock, ceiling tiles	12	4x8	x577
Flooring	Lamins,composits,vinyl	2	sqft	900's
Interior finish	Paint and urethane	40	gal/200'	3000'sq
Exterior finish	Variety			
Framing	Lumber (add ◆)			
Foundation	Concrete slab	105	yd3	89
Driveway (avg)	Asphalt			
Heating system	Forced air OR electric			
TOT w/ standard options:				
PLUS other costs for labor, fitn	nents, equipment & supplie	s see tab: I	Basic Standa	ird Expenses
Key:	Dangerously toxic			
	Conditionally possible			
	Must test; some ok, some	terrible		
	Best option			
	Good option			
	N/A			
	Intentionally blank			
	Question for builder			

Comparing conventional small-home build costs to Isy-safe options

T\$	Option #1	\$Cost #1	Per	Need	T\$ #1
3,375	Shakes or slate				
2,450	Blown paper @R50-60	10.2	25's	98	1,000
	None				
910	New planks	~2.45	sq ft	1k sq ft	2,400
6,925	Tongue in groove pine	.50	sq ft	2450	1,225
1,800	Used hardwood	2.50	sq ft	900	2,250
600	Non-VOC P&U (2/3 project)	50/90	gal;200'sq	2000'sq	1,000
10,000	Vinyl	5	sq ft	1000'sq	1,000
	Log-built, 8" d	RTB	kit	6-900'sq	37,000
10,000	Pilings				
5,000	Gravel/TRG				2,000
	Subfloor hydronic				
41,060	still need heat, dozer, etc.				
	TOT for blue options				35,745
	DIFFERENCE of (Conventional	al) - (BlueOp	tions):		5,315

Option #2	\$Cost #2	Per	Need	T\$ #2	Comments	
Steel	250	square	7.5sqr	1,875	Shakes are fussy & slate	
Wool batting	WAY	TOO	MUCH		Option one	has the best
Foil					Paper insula	ation is self-r
PureBond plywood	53	4x8';1.65sf	1000'sq	1,650	Plywood fo	r sheathing:
Shiplap pine	.30	sq ft	2450	735	1200'sq per	imeter walls
New hardwood	5	sq ft	900	4,500		
Liquid glass (1/3 project)	35	150'sq	1000'sq	235	Probably a	mix of optior
Metal (Al, Stl)	8	sqft	1000'sq	8,000	Arsenic and	uranium, ar
					ALL WOOD	USED MUST
Crawlspace					30x20x4'. Slab is adequa	
Compressed dirt				400	Not having a property ir	
Good flow-engineering					These options are comp	
At this point (May 29) Blue	e is cheaper	overall.				

		I	T		I	T		
v. costly. O	v. costly. Opt #2 is with 5v or corrugated steel w/ siliconized poly 20-yr coating.							
cost-benef	cost-benefit matrix. Option two is far too costly.							
espirating. I	Need variand	ce from towr	n to skip this	layer. Howe	ver, foil aro	und entire b	edroom is te	
PureBond, c	ertified form	naldehyde fr	ee plywood.	Hardwood.	This sample	is Maple @I	HoDe.	
, 500'sq int	walls, attic c	lg 750'sq=24	150'sq int co	vg. Prob a m	ix of Opt #1	& #2		
ns #1 & #2. H	Tumco liquid	glass 30 oz	mixes to 1 g	al. Colorhou	se YOLO pai	nt 55/gallon	incl s&h Eco	
	•		<u>~</u>		·		sible to drill (	
	•						ulation. High	
	expensive. Pi							
	ed the North			, <u> </u>				
	not mutually	•		of any other	heating syst	em that isn't	t dangerous	
.,				,				

			1				
rrific, and p	robably man	datory for m	ne. Note: see	e if variance	is possible t	or no electri	cal wiring in
	 		1 11,500	<u> </u>	:. Fana 00/	Zaallara Carra	
	5/gallon; Har						
down to safe	er strata. I've	e had heavy-	metal poiso	ning already,	, and have to	o avoid it in i	uture.
ner maint wo	ork, w/ annu	al log treatn	nents.				
	k access thar			r pests.			
<b>C</b>							
for me.							

	50 1 1:				
bedroom, o	r DC-only lig	nting with a	dapter outsi	de bedroom	•
ats 200'sq/g	allon.				
200 34/8	<u> </u>				