

Material	R per inch	Typ Thickness	Typ R	U Value
Plywood	1.10	3/4"	0.825	0.91
OSB	1.40	3/4"	1.050	0.71
Softwood	1.10	3/4"	0.825	0.91
Sheet Vinyl	1.60	1/8"	0.200	0.63
Vinyl Composition Tile	1.60	1/8"	0.200	0.63
Linoleum	1.60	1/4"	0.400	0.63
Linoleum	1.60	1/8"	0.200	0.63
Dense Rubber Flooring	1.30	21/64"	0.250	0.77
Recycled Rubber	2.20	1/2"	1.100	0.45
Cork	3.00	3/8"	1.125	0.33
Cork/MDF/Laminate	2.35	1/2"	1.175	0.43
Brick	2.25	1 1/2"	3.375	0.44
Marble	0.80	1/2"	0.400	1.25
Ceramic Tile	1.00	1/4"	0.250	1.00
Thinset Mortar	0.40	1/8"	0.050	2.50
MDF/Plastic Laminate	1.00	1/2"	0.500	1.00
Laminate Floor Pad	1.92	5/32"	0.300	0.52
Engineered Wood	1.00	1/4"	0.250	1.00
Engineered Wood	1.00	3/8"	0.375	1.00
Engineered Wood	1.00	5/8"	0.625	1.00
Engineered Wood	1.00	3/4"	0.750	1.00
Engineered Wood	1.60	1/8"	0.200	0.63
Engineered Bamboo	0.96	3/4"	0.720	1.04
Oak	0.85	3/4"	0.638	1.18
Ash	1.00	3/4"	0.750	1.00
Maple	1.00	3/4"	0.750	1.00
Pine	1.30	3/4"	0.975	0.77
Fir	1.20	3/4"	0.900	0.83
Carpet Pad/Slab	1.28	1/4"	0.320	0.78
Carpet Pad/Slab	1.28	3/8"	0.480	0.78
Carpet Pad/Slab	1.28	1/2"	0.640	0.78
Carpet Pad/Waffle	2.48	1/4"	0.620	0.40
Carpet Pad/Waffle	2.48	1/2"	1.240	0.40
Carpet Pad/Frothed	3.53	1/8"	0.53	0.28
Carpet Pad/Frothed	3.48	1/4"	0.87	0.29
Carpet Pad/Frothed	3.22	3/8"	1.20	0.31
Carpet Pad/Frothed	3.22	1/2"	1.61	0.31
Hair Jute	3.88	1/2"	1.940	0.26
Hair Jute	3.88	21/64"	1.250	0.26
Synthetic Fiber Pad 20	1.8	15/64"	0.421	0.56
Synthetic Fiber Pad 27	1.98	18/64"	0.545	0.51
Synthetic Fiber Pad 32	2.1	19/64"	0.630	0.48
Synthetic Fiber Pad 40	2.2	11/32"	0.770	0.45
Prime Urethane	4.30	21/64"	1.400	0.23
Prime Urethane	4.30	1/2"	2.150	0.23
Bonded Urethane	4.20	21/64"	1.350	0.24
Bonded Urethane	4.20	1/2"	2.100	0.24
Carpet	2.80	1/4"	0.700	0.36
Carpet	2.80	3/8"	1.050	0.36
Carpet	2.80	1/2"	1.400	0.36
Carpet	2.80	5/8"	1.750	0.36
Carpet	2.80	3/4"	2.100	0.36
Wool Carpet	4.20	3/8"	1.575	0.24
Wool Carpet	4.20	1/2"	2.100	0.24