

## R-VALUE RATING CHART

	R-VALUE - US PER INCH (25mm)	R-VALUE - SI PER INCH (25mm)	TYPICAL THICKNESS (INCH/mm)
ASH	0.89	0.16	3/4" (19mm)
ANTIQUE CHESTNUT	N/A	N/A	3/4" (19mm)
ANTIQUE WHITE OAK	0.76	0.14	3/4" (19mm)
BRAZILIAN CHERRY	N/A	N/A	3/4" (19mm)
AMERICAN CHERRY	0.89	0.16	3/4" (19mm)
EASTERN WHITE PINE	N/A	N/A	3/4" (19mm)
EBONY	N/A	N/A	3/4" (19mm)
HICKORY	0.66	0.12	3/4" (19mm)
MAPLE	0.9	0.16	3/4" (19mm)
SANTOS MAHOAGANY	1.02	0.18	3/4" (19mm)
AMERICAN WALNUT	0.87	0.15	3/4" (19mm)
AMERICAN WHITE OAK	0.85	0.15	3/4" (19mm)
WENGE	N/A	N/A	3/4" (19mm)
ROASTED OAK	N/A	N/A	3/4" (19mm)
ROASTED BIRCH	N/A	N/A	3/4" (19mm)
IPE	N/A	N/A	3/4" (19mm)
3/4" (18mm) PLYWOOD	0.94	0.17	3/4" (19mm)
5/8" (15mm) PLYWOOD	0.77	0.14	5/8" (15mm)
1/2" (12mm) PLYWOOD	0.63	0.12	1/2" (12mm)
4.5" (19.5mm) ENGINEERED	1.00	0.18	3/4" (19.5mm)
6" (21mm) ENGINEERED	1.00	0.18	7/8" (21mm)

**ebonyandco**

handcrafted solid wood floors

### R-VALUE RATING

The R-Value is a measure of thermal resistance of a material used in the case of floor coverings, for the calculation of transferring heat from an under floor heating system, into the room atmosphere.

The higher the resistance figure, the longer the initial heat transferral. For example combining our 15mm (5/8") Plywood Subfloor (R-Value of .77) with our 19.5mm (3/4") solid Walnut wood floor (R-Value of .65), will result in a total resistance value of 1.42.

This chart gives approximate indications for just some of our floors and subfloors.

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