

**Earth Friendly Building Materials, LLC.**

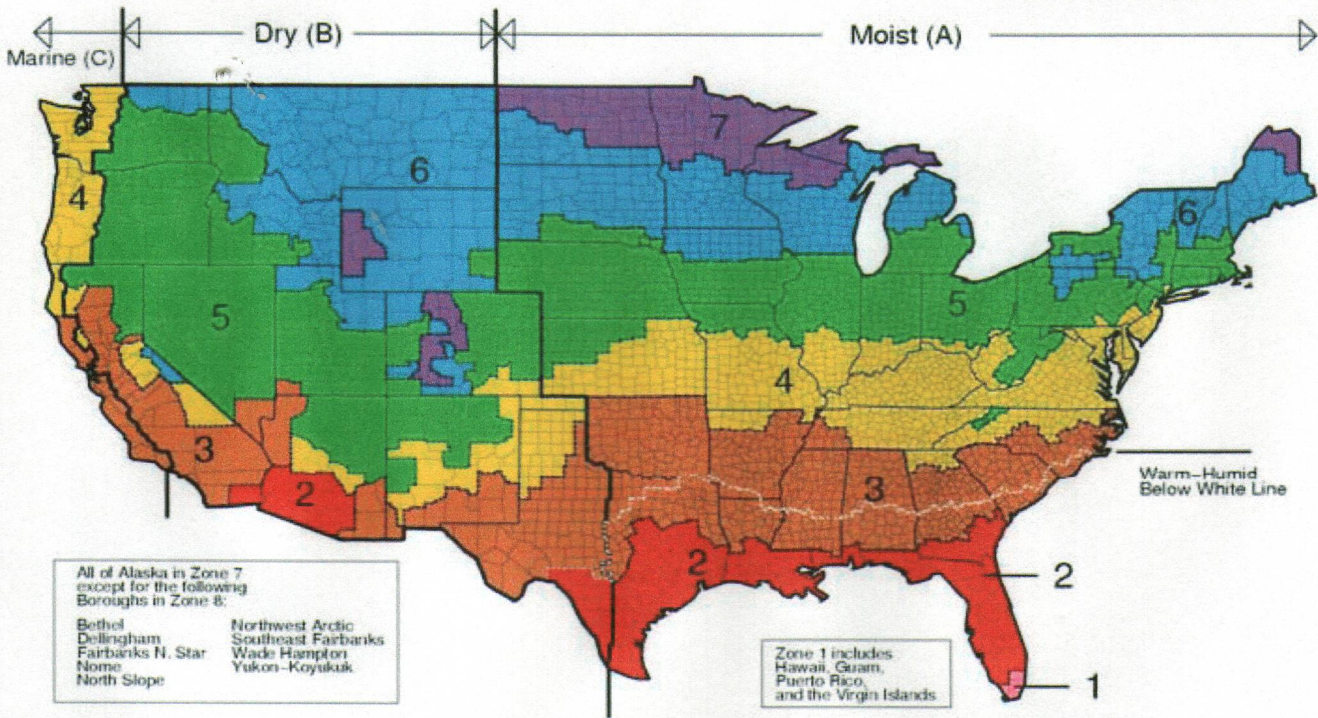
EARTH FRIENDLY BUILDING MATERIALS

CLIMATE RELATED MASS WALL R VALUES

EF Block Wall Product	Thickness of ICF	Steady State R / Inch	Dynamic R-Value ( Considering the Thermal Mass )					
			ZONE 1 s/s * 1.79	ZONE 2 s/s * 2.17	ZONE 3 s/s * 1.98	Zone 4 s/s * 2.02	Zone 5 s/s * 2.10	Zone 6 s/s * 2.05
<b>Standard Earth Friendly Block</b>								
10" Block	5.5"	23.16	41.45	50.25	45.85	46.78	48.63	47.47
12" Block	5.5"	32.19	50.45	59.25	54.85	55.78	57.63	56.47
14" Block	5.5"	41.16	59.45	68.25	63.85	64.78	66.63	65.47

**Note;**

The 12" & 14" Earth Friendly Block Have a 2" & 4" EPS Laminated to the Exterior  
 EPS calculated at R4.5 per inch  
 Mass conversion ratio provided by Oakridge National Laboratory  
 Climate Map, Courtesy of D.O.E.



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