

Earth Friendly Building Materials, LLC.

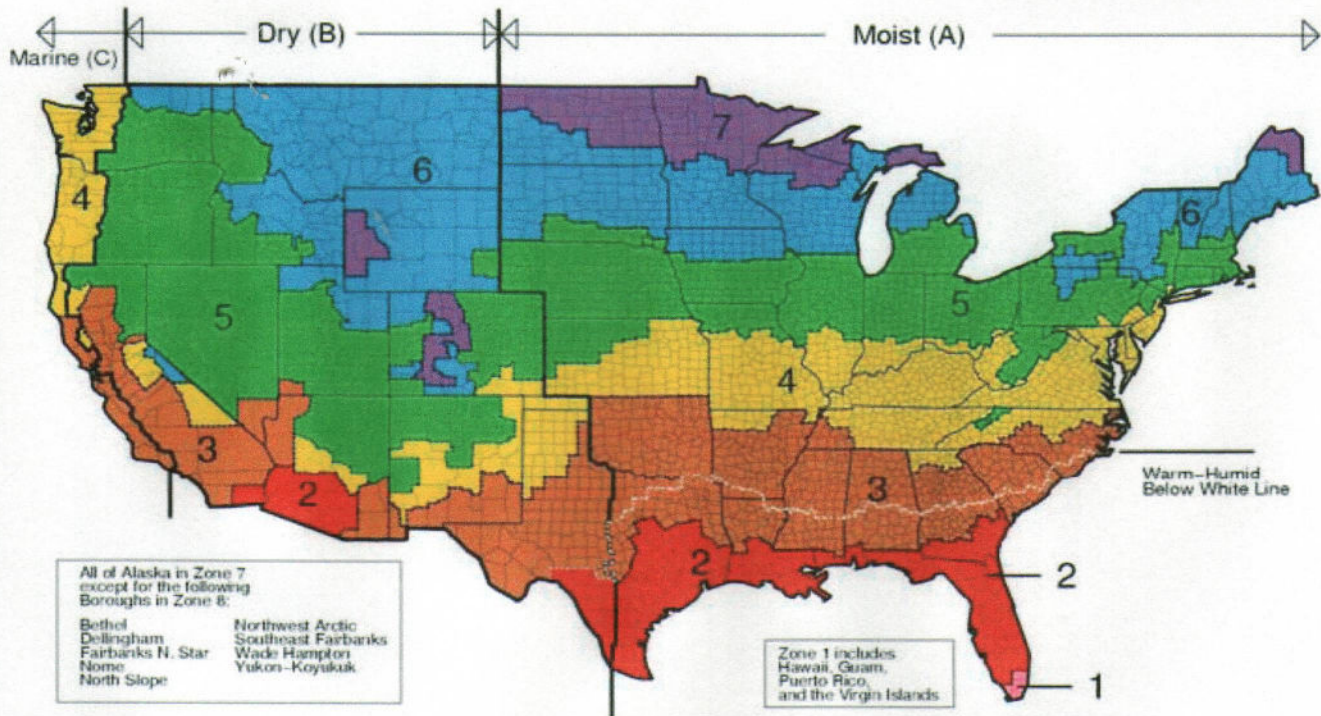
EARTH FRIENDLY BUILDING MATERIALS

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
Standard Earth Friendly Block								
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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