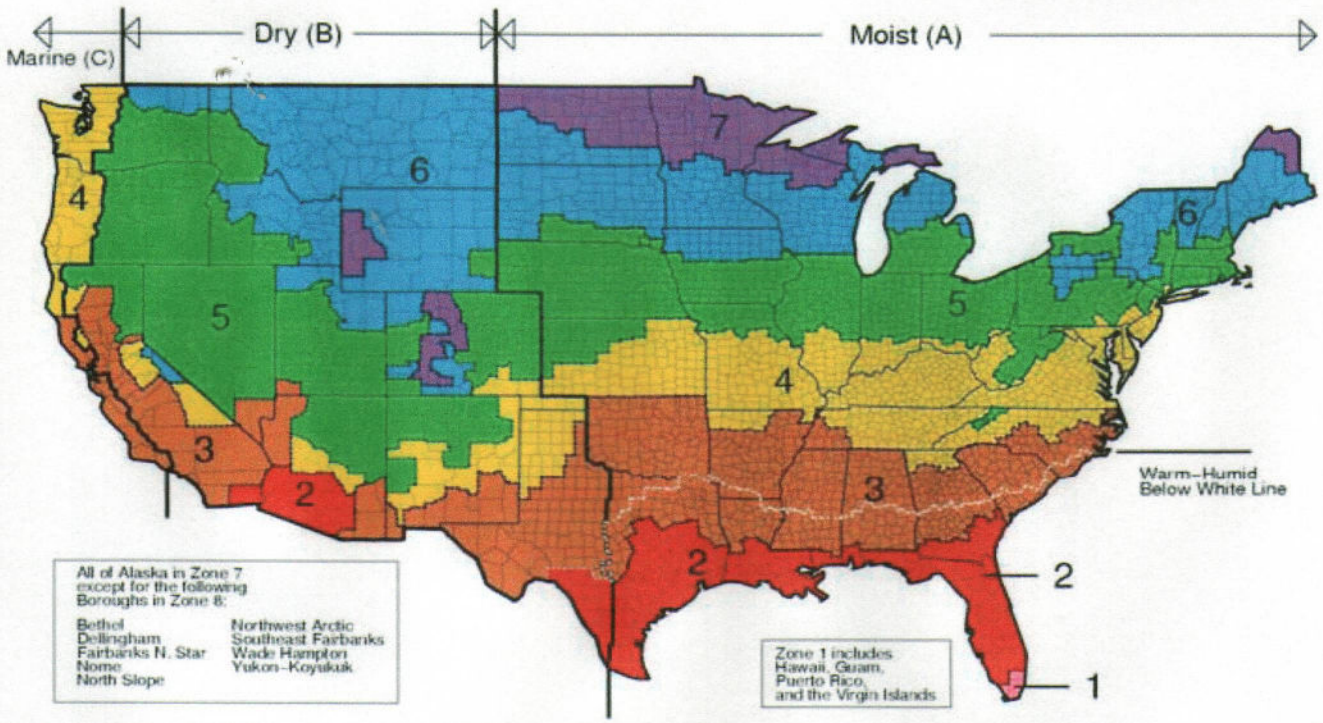
Earth Friendly Building Materials, LLC.

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	6"	23.16	41.45	50.25	45.85	46.78	48.63	47.47
12" Block	6"	32.19	50.45	59.25	54.85	55.78	57.63	56.47
14" Block	6"	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.



Earth Friendly Building Materials LLC.
205 South Industrial Drive Tempe, Arizona 85281
Office (602) 541-0791 ~ Fax (480) 924-8691
dan1@efbm.com (877) 272-7872 Toll Free
www.efbm.com www.efblock.com