

Fountain Hills Builder Uses Fountain Hills-based ICF Block to Build Super-Efficient Homes

Fountain Hills, AZ (April 21, 2014)—There's a new home going up in town! Local Fountain Hills builder John Fontaine of Fontaine Construction Inc. builds almost exclusively with EF Block™. He has built quality, exclusive custom EF Block homes all over the area, and is now building his 2nd personal Fountain Hills residence with EF Block™, at 16217 E. Emerald Dr. John has been contracting since 1980 and has built 10 homes using Earth Friendly Building Materials.

Earth Friendly Building Materials LLC. is based out of Fountain Hills, with plants in Tempe and Kingman AZ, as well as La Paz, Baja California, Dan Chouinard and his wife Sue Ellen have made it their life's mission to revitalize the green building movement with a visionary product that is now set to ride the coming wave of demand for green, eco-friendly buildings.

Using a proprietary cementitious material blend called "EF Admix" and unique compression technology, they have created an Insulated Concrete Form (ICF) called EF Block™. ICFs are lightweight building blocks, planks or panels used to form the building's skeleton into which steel re-bars are inserted and concrete poured, so as to provide strength and solidity.

While there are many choices in the market, EF Block™ is special in that it is shreds stabilized, *post-consumer* EPS, blends in the Admix and, under high compression, forms a 10"W x 12"H x 60"L block comprised of 87% EPS and weighing less than 50 pounds.

The positive impact that this product continues to have on our urban landfills and recycling programs is enormous: every block produced is made of *post-consumer* EPS making not just a safer product but also a *truly* green one. To divert EPS from landfills, Earth Friendly Building Materials LLC has established "official recycler" partnerships with governments, municipalities, educational institutions and commercial associations.

In addition, this product is nothing short of remarkable in its qualities and trade application. Because it is made from Recycle Styrofoam, EF Block™ insulates at a thermal rating of R-40 with no further insulation required. Those attributes supplying thermal insulation also deliver high soundproofing. EF Block™ will not produce dangerous gasses associated with ICF structures made with stay-in-place virgin EPS or traditional spray-foam, making it approved by the American Lung Association. EF Block™ has a tested fire rating in excess of 4 hours, is mold, fungus and termite resistant and 700% stronger than traditional timber frame structures: it has demonstrated resistance to hurricane force winds.

It is lightweight enough to allow one person to lift and stack it in place but heavy enough to stay in place with little to no bracing necessary when grouting; every time one block is laid it covers 5 square feet of wall. Because the block is pre-insulated it cuts out entire trades and dramatically reduces build completion time thereby enhancing cost savings.

A wall finished with EF Block™ makes for easy, precise, electrical and plumbing ductwork by allowing a high degree of flexibility of channeling into the walls. When all this is taken into account, EF Block™ is cheaper and easier to build with than traditional CMU and timber - the two most common forms of construction.

If you are looking for a Green Builder in Fountain Hills you can't go wrong with Fontaine Construction and if you are fascinated by EF Block™ and are considering using EF Block™ for your own build, why not stop by the site to see the build in progress? Or you can call

John Fontaine at (480)695-1978 or email to fontaineconstruction@yahoo.com or Dan at (602) 541-0791, visit www.efbm.com or send an email to dan1@efbm.com

"EF Block: Building a greener future, one block at a time!"