

New Product Bulletin

INTRODUCING: A new approach to 'concrete' Roof Tiles and Shingles.

This new mix design used in making Roof Tiles offers a non-combustible, inorganic and fiber reinforced tile. This new product is extremely impact resistant, very durable and lighter than concrete. It can be cast and readily demolded in less than 2 hours. The high early strength is well suited to mass production and maximum throughput. The final color, texture and shape are limited only by the skill and creativity of the mold maker and the individual casting the mix.



The color of the tongue and the entire tile surface is easily changed by adding more or different colored pigments to the mould and the wet slurry prior to casting.

MIX DESIGN & LEEDs Options:

The samples shown in the photo below were manufactured using recycled sidewall fiber from passenger tires. This fiber is readily available, extremely cost-effective and affords excellent shatter resistance to the finished product. California alone recycles in excess of 34 million passenger tires every year, and the waste fiber has no commercial value at present.

The aggregate used in these examples was chosen from a variety of mineral fines in adequate supply. In this case, we chose to use mine tailing fines, from the Denver area, recovered from a number of abandoned gold mine sites which dot the region.

LEEDs credits are assigned to various building components based on the amount of energy and recycled materials used to manufacture the building products used in a LEED qualified project.



The example above shows a number of tiles laid out in close proximity, which would represent the appearance of these tiles when installed on a roof surface. The size of the tiles, the final shape and dimensions are predicated on the size and shape of the mould.

For more information on this product opportunity, please contact,
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