

Forta Cooperation

I. About Forta Cooperation

The History of Using Fibers in Building Materials

The use of fibers to fortify building materials may seem like a new idea, but it's actually been around since ancient Egypt, when crude straw "fibers" were added to clay and mud building blocks and bricks. Though primitive in design, these fibers added a certain amount of cohesiveness and toughness that the Egyptian builders found very valuable.

Early plasterers achieved similar benefits by adding both horse and pig hair to plaster as a method of reinforcement. Though the design and uniform distribution of these early fibers were questionable, the basic theory of adding three-dimensional fibers to increase the toughness and durability of various building materials proved to be a sound one.

Fiber Reinforcement Today

Thousands of years later, FORTA Corporation has revolutionized this basic idea. By combining space-age synthetic materials with unique designs and shapes, FORTA offers the international construction market a valuable fiber reinforcement product that controls cracking and adds long-term durability to a wide variety of concrete applications.

Since FORTA's beginning in 1978, its fibers have played an important role in the design and construction of many different types of projects, from airports and tennis courts to swimming pools and public schools. Today, FORTA continues to be the most respected name in the synthetic fiber industry, including research and development. From a single grade of fiber, FORTA has expanded its product line to include an entire family of fibers tailored to specific applications and demands of the international concrete community. Coupled with a dedicated and knowledgeable management, staff, and workforce, FORTA Corporation will continue to lead the way in building a better concrete future.