



SAMSTONE

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company SamStone was established to
develop the chemical- polymer industry of
construction in 2007

F.R.C. a New Idea in the Construction Industry

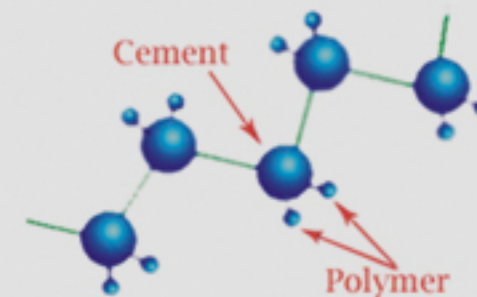
Using the technical science of producing
artificial stones based on cement and
designing and manufacturing of particular
machinery for FRC along
with special formulations for
chemical-polymer materials , this
company achieved the goal of
producing a new product in
construction industry
named cement plast.

FRC or polymerized cement is a
mix of resistant
aggregates , mineral and
chemical-polymer materials
by changes in molecular
texture of cement that causes
polymerization reaction.



What is F.R.C?

FRC (Fiber Reinforced Cement) is a type of artificial stone that can be manufactured by shifting the molecular structure of cement and performing polymerization reactions and formation of strong chain net in cement. This reaction causes cement to be crystal shaped and formation of crystal net in it and at last the final product achieves a resistance up to 3 times more than concrete and in such a situation it's equal to most of the natural stones in solidity. Beneath is a table that compares the physical and mechanical characteristics of FRC natural stones.



Title	Cement plast	Natural stone
compressive strength	600 -1000 kg/cm ²	200-400 kg/cm ²
Tensile strength	60-150 kg/cm ²	30 kg/cm ²
Abrasion resistance	Less than 2/2 g/cm ²	0.4 g/cm ²
Temperature resistance	500 cycles	50 cycles
Water permeation	Less than 3%	1 - %15%
Density	2200 kg/m ³	2700 kg/m ³

Machine Manufacturing:

Production line of FRC (automatic and semi-automatic):

Sam Stone provides technology and semi-automatic/fully automatic production line of FRC as its main services.

Training course of FRC artificial stone

To expand the application of artificial stone, Sam Stone Co. has organized training courses and set up small production units in the form of workshops and quick-return projects; and all interested people and investors in construction industry are invited.



Mold of FRC artificial stone:

Production of different molds of FRC

Sam Stone Co., the only top producer of molds for the production of artificial stone in the country Sale of different molds with lowest price and high quality .



Polymer products for building:

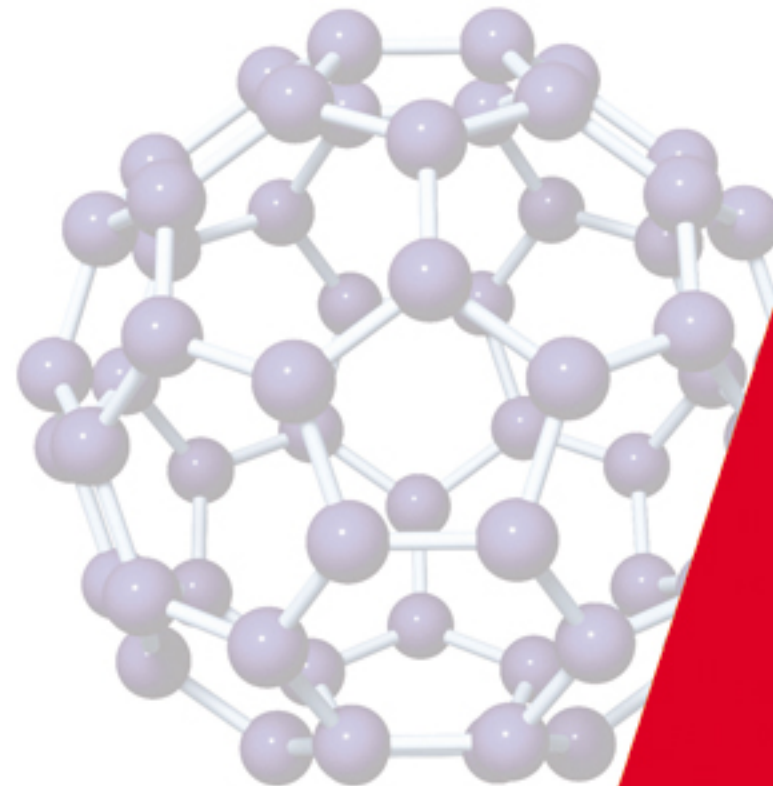
Sam Stone, the use of advanced formulations and additives for polymeric nano-technology and new materials, managed to make the Different types adhesives for use in installing natural and synthetic stone furniture, marble and granite, natural stone, tile, installing new tile on the tiles were old and

Pasty glue, Adhesive Powder, Various primers, ...



Distribution and manufacture of plastic and chemical raw materials:

Broadcast and production of raw materials: chemical-mineral - polymer and resin



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Including the Production of Artificial Stone F.R.C Nano Technology

Can be Cited as Follows:

- Antique flooring and tiles varied
- Various stone facade, Antique, Badbr, decorative designs and different dimensions
- Types of stone stairs and under the stairs in various designs
- A variety of flat, table, vase, urban furniture, fireplace and ...

Products GRC: (Production of resistant concrete products made of fiber glass)

