Ferrocement News

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FERROCEMENT SOCIETY

Editor: Neha Borkar

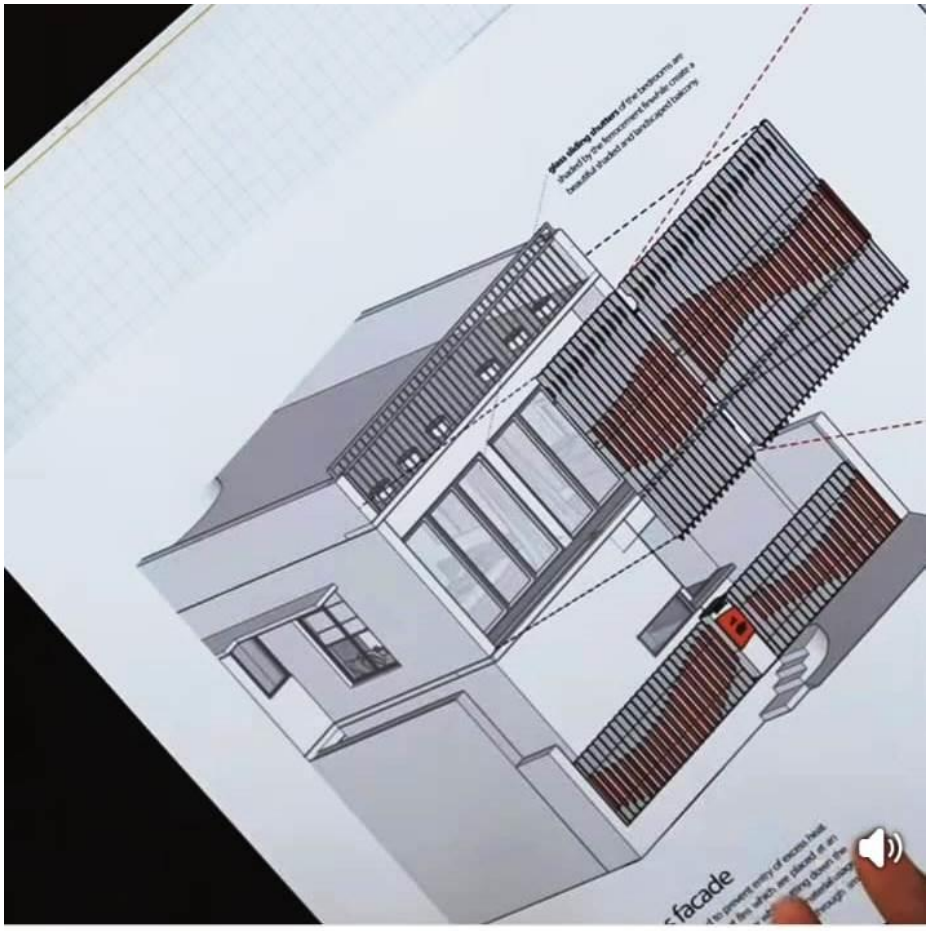
Ferrocement Fins by Buildofy

Ferrocement fins are strategically placed to offer both heat insulation and privacy for the space. These fins help in reducing heat flow, keeping the interior cool, and maintaining a comfortable environment. Additionally, the incorporation of a red pattern on the fins serves as a design element, breaking the monotony of the facade and adding visual interest.

#DreamEstates is a series presented by Atomberg in association with #Buildofy

Login to www.buildofy.com to explore the full project details, including chapters and PDF eBooks with floor plans, sections, product specifications, material palettes, and much more.Firm: Seeders I Biophilic Architecture Studio Principal Architect: Ar. D.Dinesh

Architectural Journalist: Ar. Chithresh Pillay Mani



Ferrocement Ready Made and Movable Small Rooms.

Ship containers are normally converted in to portable rooms and offices. However now the ferrocement rooms are being constructed, which are easy to move. Pondicherry based J. Sathish Kumar has developed this technology with Auro Santhai Ferrocement Technology seems very useful.

97873 32777/ 97873 32777

Pondicherry Auroville.

Ferrocement Model by Fourth Year Students

A hands-on exploration in Advanced Construction Techniques (ADC II) – this ferrocement model showcases the structural versatility and creative potential of ferrocement, designed and executed by our talented fourth-year students.

Sipna School of Planning and Architecture, Amravati, India

Floating Venice city

Venice wasn't built on solid ground...It was built on millions of wooden logs driven deep into the seafloor. Since the year 421 A.D., this floating city has defied both time and engineering logic. While most cities stand on bedrock or concrete, Venice rises on a forest of waterlogged timber. Yes — wood. Specifically, alder trees — a type that doesn't rot underwater. When buried in clay and soaked in salty water, this wood doesn't decay — it petrifies. Over centuries, it hardens, becoming nearly as tough as stone.

A timeless wonder still holding up an entire city.

St. Mark's Campanile rests on 100,000 wooden piles. The grand Basilica della Salute required over a million. Each pile was hammered in by hand, spaced every half meter, driven up to three meters deep into the seabed. But why build a city on water?

In the early 5th century, Italy was under attack by barbarian tribes.

Fleeing the invasions, people sought refuge in the muddy, marshy Venetian lagoon.

The water was their wall — a natural fortress that enemies couldn't cross easily. And so, between mud and mist, Venice was born. Not as a city that conquered nature — but as one that coexisted with it.

Venice doesn't float by magic. It floats by ingenious design, by necessity, and by the strength of a story that refuses to sink..

Arch Shaped Foot Bridge

An arch shaped Ferrocement foot over bridge was succesfully installed at village kanhor, Taluka-Ambarnath, District-Thane for the client shri. Nitin kale. The bridge is 30 feet long 30" wide. The arch is 35' long. Engineer Deepak kanhere said, he has provided 3 ribs at the bottom with 10" spacing in between. Each Rib has a vertical height of 6" respectively. It was fabricated on ground for arch shape and later joined with ribs. Primary coat of mortar was applied to it and plastered afterward. Approx costing of bridge including material and labour was INR 150 thousands.

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International Conference news

Call for Papers

International Conference 2025 on Arts, Science and Technology of Ferrocement Construction co-hosted by Ferrocement Society, (India) and MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune.

Venue: MKSSS's BNCA, Pune, Maharashtra

Date: 12th &13th September 2025 Day: Friday & Saturday

Mode of the conference: Hybrid mode

Registrations Open: https://shorturl.at/VLo5X

Don't miss this chance to engage with global experts, researchers, academicians and industry experts!

For more information email us at **ferroconference2025@bnca.ac.in**

Convener: Dr. K. K. Sundaram, Ferrocement Society (India)

Co-convener: Dr. Sujata Mehta, BNCA

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