



FRP REBAR MANUFACTURERS COUNCIL

The mission of the FRP Rebar Manufacturers Council (FRP-RMC) is to promote the use and growth of FRP reinforcement (rebar, tendons, and grids) used in concrete and masonry applications through education, development of quality procedures, industry specifications, codes, standards and field application guidelines, and legislative advocacy.

Activities and Achievements:

- **Supplied** sample FRP bars and financially supported the student FRP Concrete Beam competition at the ACI Fall Convention 2023.
- **Supported** development of the published ACI CODE 440.11-22 rebar code with technical and manufacturing knowledge.
- **Supported** and provided technical program content in the execution of the Construction and Infrastructure Composites Technology Days.
- **Supported** and provided technical content and financial support for the development of standard language protocol for the first and second edition of the *AASHTO LRFD Bridge Design Guide Specifications for GFRP-Reinforced Concrete*.
- **Supported** and provided technical content and financial support for testing masonry walls for the development of provision language for the 2022 Masonry Code – *TMS 402* on the use of FRP rebar in reinforced masonry walls.
- **Educated** state DOT and end-users by participating in special FRP rebar workshops designed to educate and connect with leaders in the rebar manufacturing industry.
- **Supported** the development of existing and new ASTM test methods for FRP rebar with technical and manufacturing knowledge.
- **Supported** the ACMA CIRCLE program on sustainability to create the LCA+EPD generator.
- **Educated** Congress and Federal Government agencies in ACMA's Infrastructure Day Capitol Hill Fly-in, along with state and local DOTs on the benefits of FRP rebar and supported the development of technical guidelines for FDOT and TxDOT.
- **Exhibited** at the International Bridge Conference in collaboration with the ACMA Transportation Structures Council for 19 consecutive years.
- **Developed** educational programming for the annual International Bridge Conference and World of Concrete.

Current and Future Projects:

- **Education:** Develop educational presentations and workshops directed at state DOTs. Financially support and provide rebar for the ACI FRP Concrete Beam competition in 2026.
- **Standards:** Support and provide technical content for the 2027 update to the ACI CODE 440.11. Support development of standards with ASTM, AASHTO, and support State DOTs with needed technical information for standards and specifications.
- **Outreach:** Foster relationships with FHWA, AASHTO, state DOTs, US Army Corps of Engineers, and other organizations to educate them on the use of composite materials.
- **Advocacy:** Support and participate in ACMA Government Relations programs and Capitol Hill Composites Fly-in.

For more information, or to join this committee, contact the Composites Growth Initiative at cgi@acmanet.org.

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MEMBERSHIP

Manufacturers:

- ✓ Marshall Composite Technologies, LLC
- ✓ MateenBar Composites Reinforcements LLC
- ✓ McClarin Composites
- ✓ MST Rebar Inc.
- ✓ Neuvokas Corporation
- ✓ Pultrall, Inc.
- ✓ Roechling Industrial Cleveland
- ✓ SFTec Inc.
- ✓ Strongwell Chatfield Division

Suppliers and Distributors:

- ✓ AOC
- ✓ Aramco Services Company
- ✓ Arkema, Inc
- ✓ Composites One, LLC
- ✓ INEOS Composites
- ✓ Interplastic Corporation
- ✓ Olin Epoxy
- ✓ Owens Corning
- ✓ Polynt Group

Affiliates:

- ✓ Benchmark International LLC
- ✓ Clemson Composites Center
- ✓ North Carolina State University – Civil Engineering
- ✓ Toronto Metropolitan University
- ✓ University Of Massachusetts Lowell
- ✓ University Of Miami; Civil, Architectural, & Environmental Engineering
- ✓ University of North Dakota
- ✓ University Of Sherbrooke
- ✓ West Virginia University