



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 for the student FRP Beam competition at the ACI Fall Convention 2023.
- **Supported** development of the published ACI 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 Day in 2021 and 2023.
- **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** and provided technical content and financial support for the development of standard language protocol for the second edition of the AASHTO *LRFD Bridge Design Guide Specifications for GFRP-Reinforced Concrete*.
- **Supported** the development of existing and new ASTM test methods for FRP rebar with technical and manufacturing knowledge.
- **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 directed at State DOTs.
- **Education:** Support and provide rebar for the ACI FRP Concrete Beam competition for students.
- **Standards:** Support development of standards with ASTM, American Association of State Highway, and support State DOTs with needed standards and specifications.
- **Standards:** ACI 440 C – Develop and Maintain code requirements for the design of structural concrete internally reinforced with fiber-reinforced polymer composite bars.
- **Outreach:** Develop relationships with FHWA, AASHTO, state DOTs, US Army Corp of Engineers and other organizations to educate them on the use of composite materials.

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



MEMBERSHIP

Manufacturers:

- ✓ Basanite Industries
- ✓ 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
- ✓ Teijin Carbon America, Inc.

Affiliates:

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