



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:** Support the development of and market design software for end-users.
- **Standards:** Support development of standards with ASTM, American Association of State Highway, and support State DOTs with needed standards and specifications.
- **Outreach:** Support ACMA Capitol Hill Infrastructure Day Fly-in and industry legislative issues, develop relationships with FHWA, AASHTO, state DOTs and other organizations to educate them on the use of composite materials. Educating engineers through participation in the ACMA Construction/Infrastructure Composites Technology Day.


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


MEMBERSHIP

AMERICAN | COMPOSITES | MANUFACTURERS | ASSOCIATION

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ACMA
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Manufacturers:

- ✓ AIT Composites
- ✓ Basanite Industries
- ✓ Marshall Composite Technologies, LLC
- ✓ McClarin Composites
- ✓ MST Rebar Inc.
- ✓ Owens Corning Infrastructure Solutions, LLC
- ✓ Pultrall, Inc.
- ✓ Pultron Composites
- ✓ Roechling Industrial Cleveland
- ✓ SFTec Inc.
- ✓ Strongwell
- ✓ TUF-BAR, Inc.

Suppliers and Distributors:

- ✓ AOC
- ✓ Aramco Services Company
- ✓ Arkema, Inc
- ✓ Composites One, LLC
- ✓ INEOS Composites
- ✓ Interplastic Corporation
- ✓ MITO Material Solutions, Inc.
- ✓ Olin Epoxy
- ✓ Owens Corning
- ✓ Polynt Recihhold
- ✓ Teijin Carbon America, Inc.

Affiliates:

- ✓ Benchmark International LLC
- ✓ Clemson Composites Center
- ✓ Miller & Long Co., Inc.
- ✓ North Carolina State University
- ✓ Toronto Metropolitan University
- ✓ University Of Massachusetts Lowell
- ✓ University Of Miami
- ✓ University Of Sherbrooke
- ✓ West Virginia University