



ARCHITECTURAL DIVISION

The mission of the Architectural Division (Arch Div) is to educate and promote the use, understanding, and specification of architectural composites products for interior and exterior architectural construction applications. Division members work together to develop codes, standards, and specifications for composites, and educate architects, specifiers, and end-users on architectural composites advancements.

Activities and Achievements:

- **Developed** educational content on global architectural composites applications for the ACMA Construction / Infrastructure Composites Technology Days in 2021 and 2023.
- **Educated** conference attendees at CAMX on the advancements of composites used in global architectural applications.
- **Developed** and presented educational presentations certified with AIA-Learning Units (LU) and LU/HSW credits to educate architecture professionals.
- **Conducted** the *Composites in Architecture Workshop* held in conjunction with CAMX 2019 to educate architects on the advantages of composites in architectural applications.
- **Published** [Industry Guidelines and Recommended Practices for Fiberglass Reinforced Polymer Architectural Products](#).
- **Organized** the “Composites Pavilion” at the annual American Institute of Architects (AIA) conference (2014 – 2018) to promote awareness and use of composite architectural components in building applications through exhibits, displays, and programming.
- **Supported** ACMA’s Climate Impact Reduction through Composites Lifecycle Evaluation (CIRCLE) program to proactively address sustainability needs and demands of the construction and infrastructure industry with the performance of composites. The aim of the LCA+EPD Program is to standardize the format of LCA information and develop EPD based on the requirements of ISO 14025 and Product Category Rules (PCR).
- **Conducted** *Composites in Architecture Design Challenge* (2016 – 2018) to engage university architecture programs by educating students and challenging them to design and explore with composites that introduced new designs, concepts, and manufacturing.
- **Developed** a Construction Specifications Institute (CSI) guide specification for architectural products - *Section 068000 – Composite Fabrications* supporting International Building Code.
- **Introduced** approved code language for composites in the 2009 and 2012 International Building Code (Section 2613) on composites for interior and exterior building cladding.

Current and Future Projects:

- **Education:** Develop a portfolio of AIA certified continuing education presentations on a broad range of topics to provide architects and structural engineers with essential insights into design, specification, and sustainability of architectural composites that showcases industry best practice. Develop a compilation of global case studies that introduce architects and structural engineers to state-of-the-practice composites applications.
- **Outreach:** Engage and collaborate with the architectural and engineering community to conduct workshops, lunch and learn presentations, and other education on building codes, specifications, and field installations pertaining to composites materials and architectural composites products and applications.

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



MEMBERSHIP

Manufacturers:

- ✓ Architectural Fiberglass, Inc.
- ✓ Arrowhead Plastic Engineering, Inc.
- ✓ Bestbath
- ✓ BFG International
- ✓ Deceuninck North America
- ✓ Glassline, Inc.
- ✓ Kalwall Corporation
- ✓ Kreysler & Associates, Inc.
- ✓ Marvin Composites LLC
- ✓ Material6 Building Composites
- ✓ McClarin Composites
- ✓ ProSlide Technology, Inc.
- ✓ Roechling Glastic Composites
- ✓ Sika Corporation
- ✓ Symmetrix Composite Tooling
- ✓ ProSlide Technology, Inc.
- ✓ Windsor Fiberglass, Inc.

Suppliers and Distributors:

- ✓ Advanced Plastics, Inc.
- ✓ AOC
- ✓ Aramco Services Company
- ✓ Armacell Benelux
- ✓ Blue Wind Technology
- ✓ Composites One, LLC
- ✓ INEOS Composites
- ✓ Interplastic Corporation
- ✓ IPCO US, LLC
- ✓ Olin Epoxy
- ✓ Owens Corning
- ✓ Polynt Group
- ✓ Scott Bader
- ✓ Vectorply Corporation
- ✓ Wacker Chemical Corporation

Affiliates:

- ✓ Cegep Saint-Jerome
- ✓ Composites Association of New Zealand (CANZ)
- ✓ Composites World
- ✓ Dunwoody College of Technology
- ✓ FX Consulting LLC
- ✓ Frost Engineering & Consultants
- ✓ RMK Industries
- ✓ Sustainable Composites
- ✓ University Of Massachusetts Lowell
- ✓ University Of Miami; Civil, Architectural, & Environmental Engineering