

BranchClad™ GFRC



MASS-CUSTOMIZED, VENTILATED RAINSCREEN SYSTEM

BranchClad™ GFRC is a mass-customized, ventilated rainscreen system where each panel may have unique design features to create an articulated façade that can ripple, wave, undulate, or facet, enabling a bespoke building. The designer is set free from the rectilinear constraints of typical building materials.



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TECHNOLOGY

PREFABRICATED RAINSCREEN FACADES WITH UNPRECEDENTED DESIGN FREEDOM

Our mass-customized cladding system revolutionizes ventilated rainscreen facade systems. Each panel can be uniquely shaped in response to an overall sculptural gesture or adapt to various conditions across a building's facade. Our parametric framework for processing, subdividing, and producing the panels that make up the system enable our price point to remain consistent and competitive even while the individual panels vary in size and articulation.

The façade product is a composite rainscreen panel that is:

- Mass-customizable
- Non-loadbearing
- Affordable compared to other systems producing complex geometries
- Lightweight compared to full concrete panels
- Material-efficient (near-zero waste)
- Modular, easy to install



SIZE & FINISH

- MAXIMUM:** 4' x 10' panel
- PANEL DEPTH:** 4" - 12"
- ARTICULATION:** 4" - 8",
- GFRC THICKNESS:** 3/4"
- COLORS:** Standard & custom options available
- TEXTURE:** 4 standard textures available



ADVANTAGES

- MASS-CUSTOMIZATION:**
No two panels are alike
- PREFABRICATION:**
Leads to job site efficiencies
- MANUFACTURING ACCURACY:**
Ensures design intent
- INCREASED DURABILITY**
- EASE OF INSTALLATION**



TECHNICAL SPECS

- NFPA 285:** Fire Propagation for Exterior Wall Assemblies
- ASTM E119:** 1-Hour Fire Rating for Building Construction and Materials
- ASTM 947:** Flexural Properties of Glass-Fiber-Reinforced Concrete
- R-6** per inch of thickness