



BranchClad™

Mass customized, ventilated rainscreen systems

BranchClad™ 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 skin unlike any other. You as the designer are set free from the rectilinear constraints of typical building materials. You as the owner have a building set apart from all the other boring boxes.



Branch
TECHNOLOGY

www.branchtechnology.com

PREFABRICATED RAINSCREEN FACADES

WITH UNPRECEDENTED DESIGN FREEDOM

Our mass customized cladding system extends the capability of a conventional, mass-produced, ventilated rain screen facade system. Each panel geometry in our system can be uniquely shaped in response to an overall sculptural gesture 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 even while the individual panels vary in size and shape.

This intelligent adaptability allows customization and design freedom without having to solve all the challenges of the complex construction industry immediately. The facade product is a composite rain screen panel that is:

- Mass-customizable
- Non-loadbearing
- Cost-competitive with normal geometries
- Extremely affordable compared to more complex geometries
- Lightweight compared to full concrete panels
- Material-efficient (near-zero waste)
- Modular, easy to install



Format

Size: Maximum: 4'x10' panel size
Thickness: 4" - 12"

Articulation: 8" maximum out of plane articulation
8" minimum feature size
12" minimum radius of defined edge



Lightweight

Dramatically reduced structural and shipping requirements compared to GFRC, concrete claddings



Technical Specs

- ASTM C78: Test Method for Flexural Strength of Concrete
- ASTM C140: Test Method for Compressive Strength of Concrete
- ASTM E72: Test Methods for Strength Tests of Panels for Building Construction
- NFPA 285: Flame Propagation