

StoPanel® 3DP

POWERED BY BRANCH TECHNOLOGY



MASS-CUSTOMIZED, MEGA-WALL SYSTEM

Our unique Cellular Fabrication (C-Fab®) process enables Branch CompositeCore™ mass customized panels to be produced in our direct digital fabrication facility, then shipped to a nationwide network of StoPanel affiliates who apply the customer selected finish to the surface of the panel for installation.



Branch
TECHNOLOGY

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PREFABRICATED MEGAPANEL FACADES

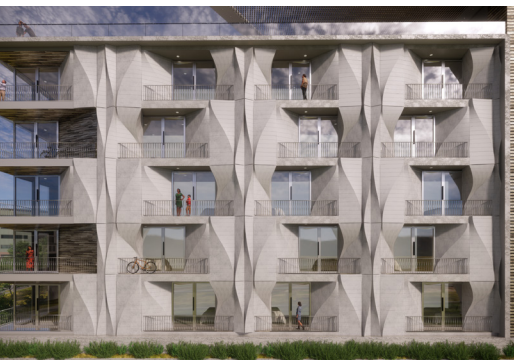
UNPRECEDENTED DESIGN FREEDOM

StoPanel 3DP powered by Branch Technology is a fully prefabricated panelized wall system that includes all the building envelope control layers integrated with a unique, fully customizable 3D printed filled and milled shape that is lightweight, structurally robust and easy to install. Branch CompositeCore™ panels are finished in an array of Stucco finishes. Branch's unique Cellular Fabrication (C-Fab®) 3D printing process allows for unprecedented creativity as

virtually any shape or form can be created at a large scale.

The façade product is a composite core panel that is:

- Mass-customizable
- Affordable compared to other systems producing complex geometries
- Material-efficient (near-zero waste)
- Modular, easy to install



FORMAT SIZE

MAXIMUM: 10' X 45' panel

ARTICULATION: Up to 8"

TOTAL SYSTEM THICKNESS: 19"
Nominal



ADVANTAGES

DESIGN FREEDOM

LARGE FORMAT, MASS-CUSTOMIZATION:

No two panels are alike

PREFABRICATION:

Leads to job site efficiencies

MANUFACTURING ACCURACY:

Ensures design intent

LIGHTWEIGHT:

Reduced structural demand and transport costs



TECHNICAL SPECS

NFPA 285: Fire Propagation of Exterior Wall Assemblies

ASTM E119: 1-Hour Fire Rating

ASTM E330: Structural testing of finish

ASTM E331: Water Penetration testing of finish

NFPA 268: Ignitability of exterior wall