



**Branch**  
TECHNOLOGY

**sto**panel

# StoPanel® 3DP

Powered by Branch Technology

Facades



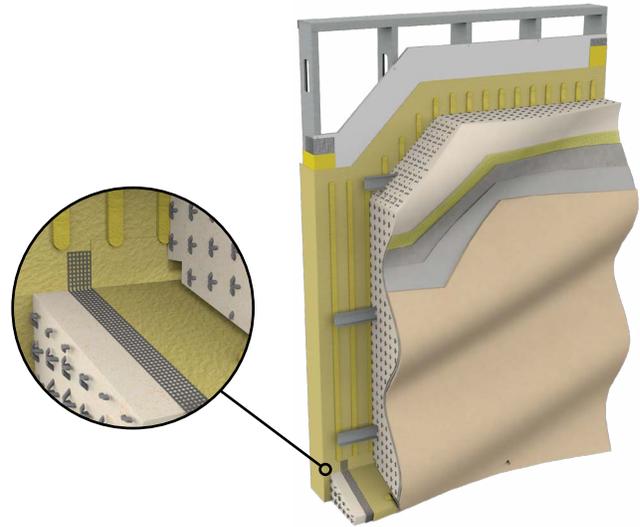
StoPanel® 3DP is a 3D printed system that includes all the control layers of a full building envelope. The unique Cellular Fabrication (C-Fab®) process is made possible through a partnership with Branch Technology with the Composite Core shapes being produced in Branch Technology's direct digital fabrication facility.



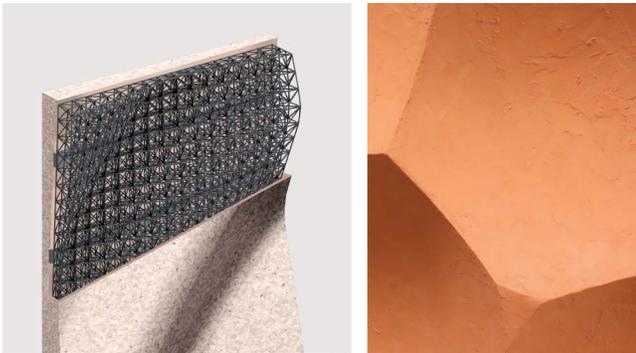
## Complete Control. Unprecedented Creativity.

To manufacture the StoPanel 3DP panels, a lightweight polymer matrix is robotically 3D printed, filled with a 2-lb density insulating foam, and robotically milled to exact dimensions

The process allows for unprecedented creativity as virtually any shape or form can be created at a large scale for use with any of Sto's high-performing finish and color options. Using Design Assist Services, you can fully explore the aesthetic possibilities. Because shapes are produced directly from digital files rather than being interpreted from shop drawings, the result is extreme accuracy that is true to the original design. The fully tested system with all control layers -- AMB, continuous insulation and watershedding, UV resistant finish -- performs to the highest standards and meets International Building Code standards. Further, the process is faster to complete and is inherently less wasteful than traditional construction methods, which means more rapid ROI for the owner.



StoPanel 3DP with Sto Wedge, a patented drainage wedge design



### Benefits

Design Freedom	Cost-effective and efficient process to achieve unique, fully customizable, 3D exterior shapes
Resource Stewardship	C-FAB® 3D printing and factory produced exterior wall panels dramatically reduce waste both on and off the construction site
Performance	Fully tested system with all control layers – AMB, continuous insulation and watershedding, UV resistant finish
Code Compliant	Meets International Building Code standards
Large format	Panels up to 10' x 25' dimensions for greater aesthetic flexibility and installation efficiency
Lightweight	Dramatically reduced structural and shipping requirements compared to GFRC and other concrete claddings
Design Assist Services	Branch Technology expertise helps maximize creative design possibilities

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#### ATTENTION

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