

How do you rebuild **60,000 HOMES** every year for the next **10 YEARS** in Haiti?
1 HOME at a time. **1 SOLUTION** at a time. It begins here at **NOTRE DAME**.

E2E



PROTOTYPE A: Frame & Panel System



Prototype A is a light and resilient housing solution invented by E2E that uses a moment resisting frame. In this mode of construction, the strength lies in an efficient, reinforced concrete frame that can be enclosed and partitioned in a number of ways. The Expo features the use of E2E's lightweight, reconfigurable concrete panels. This focuses the resources on fortifying the frame, which is much more cost efficient than seismically engineering every wall of the traditional masonry home common in Haiti. Standardized plans, prefabricated components, and custom construction kits ensure the quality of the frame, while a simplified manufacturing process is used to cast local materials into lightweight concrete panels. Most importantly, the solution is self-financed in the open market and allows families to expand the home as more resources become available.

Learn this home's story at

E2Eexpo.org