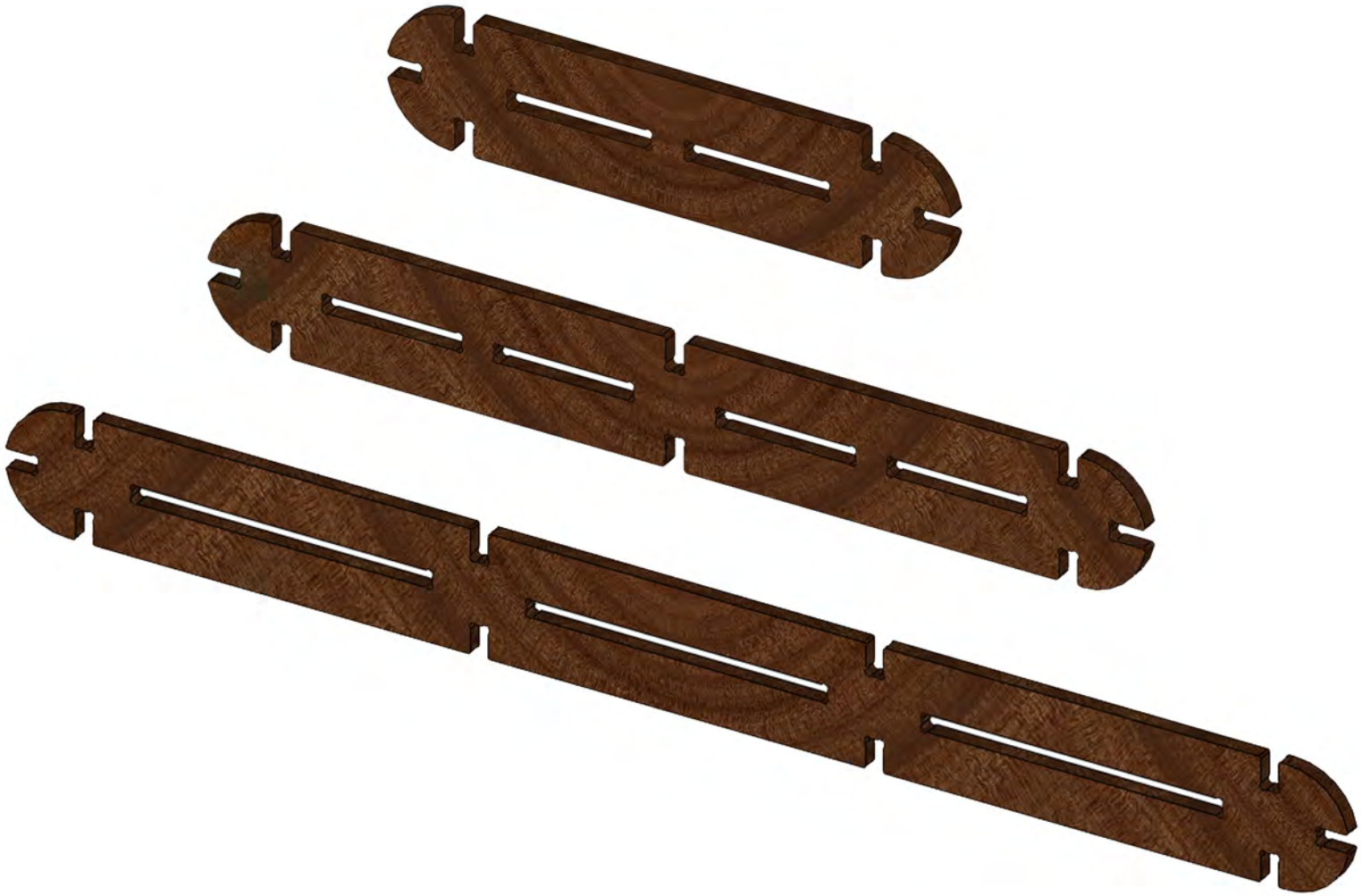
Fort Boards®

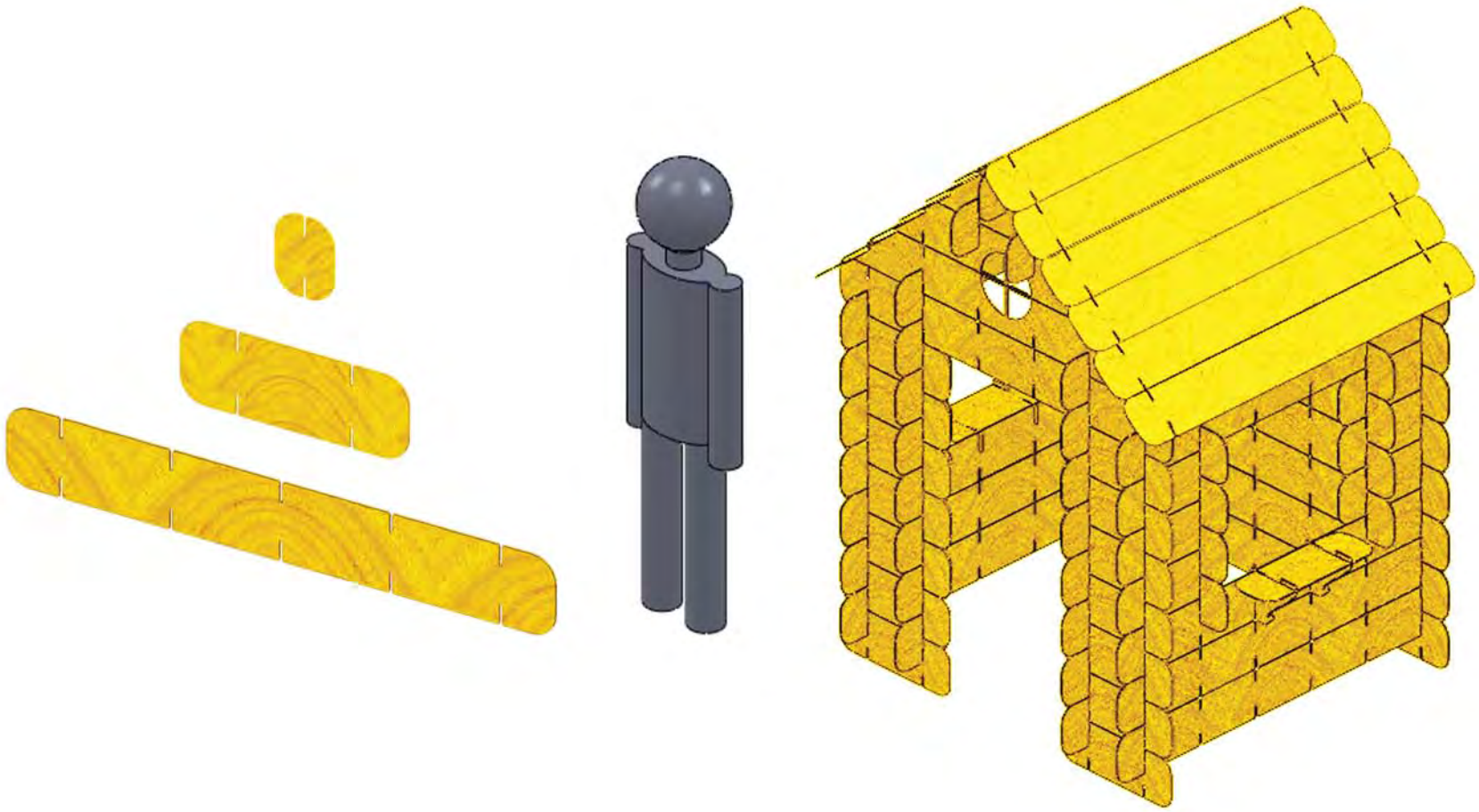
Design Process

Fort Boards | **Version 1** | 6/21/12



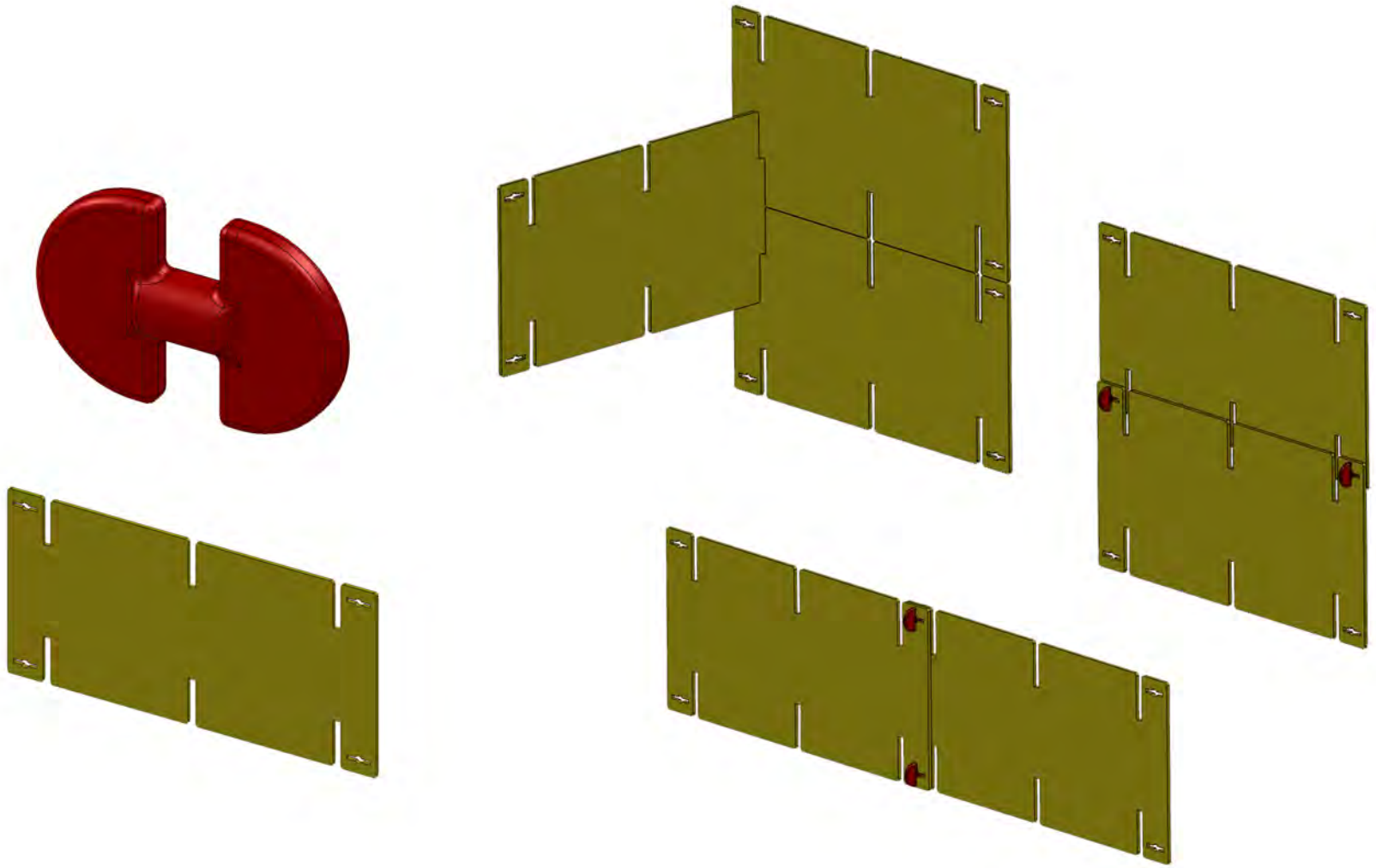
Material: CNC Cut Plywood | Size: 4” x 42” x 0.5”

Fort Boards | **Version 6** | 9/3/12



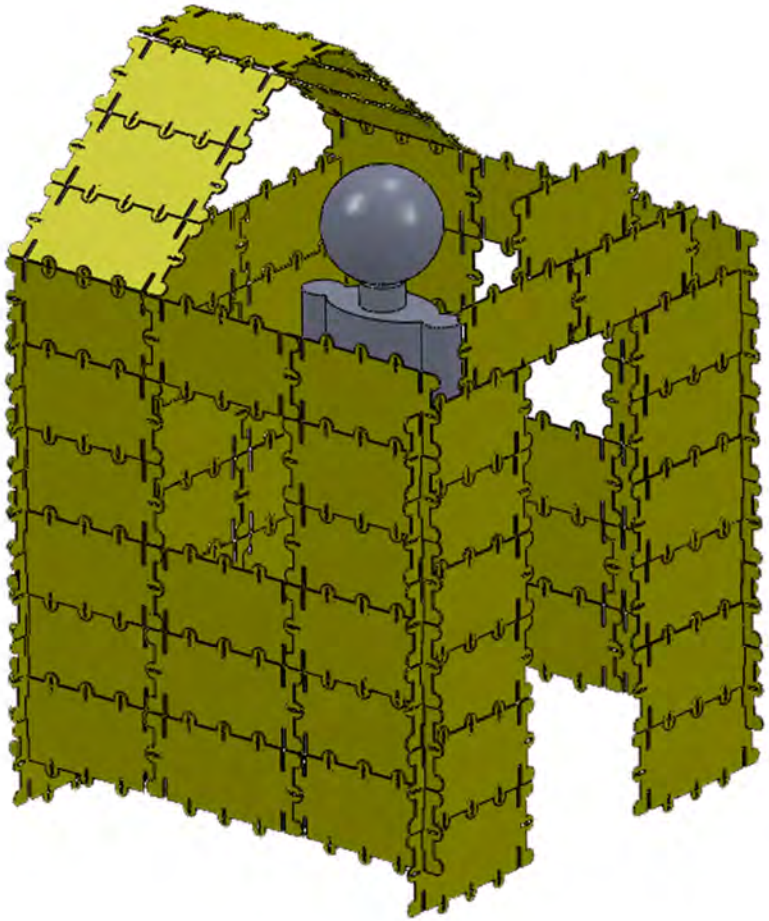
Material: CNC Cut plywood | Size: 47.5” x 5.75” x 0.5”

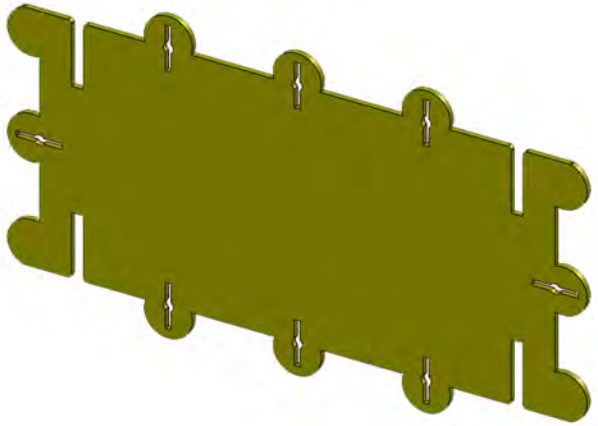
Fort Boards | **Version 8** | 1/4/13



Material: Die-Cut Fluted Polypro & Injection Molded PP
Size: 15.5” x 7.75“ 0.157”

Fort Boards | **Version 21** | 1/10/13

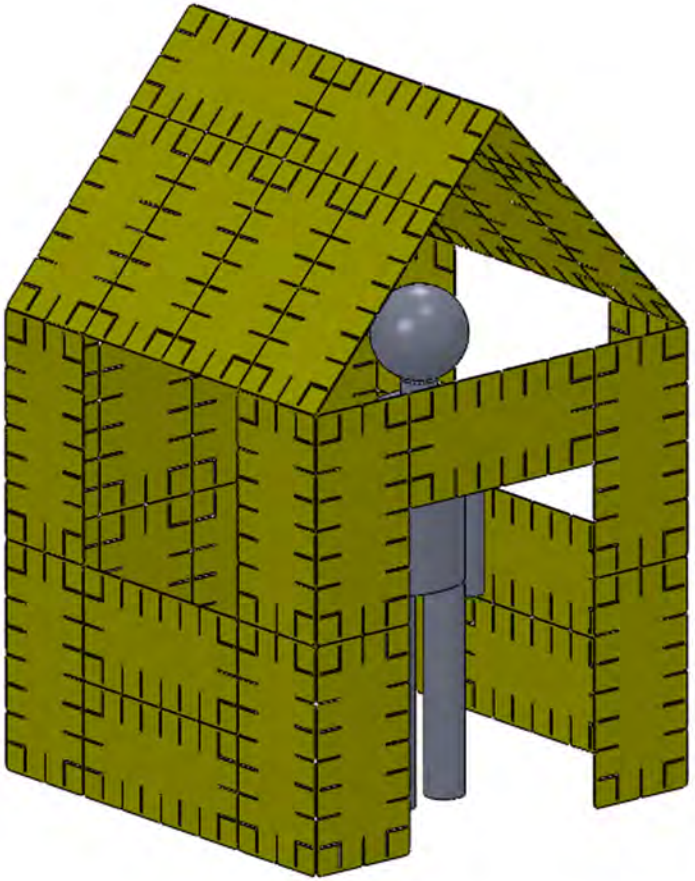


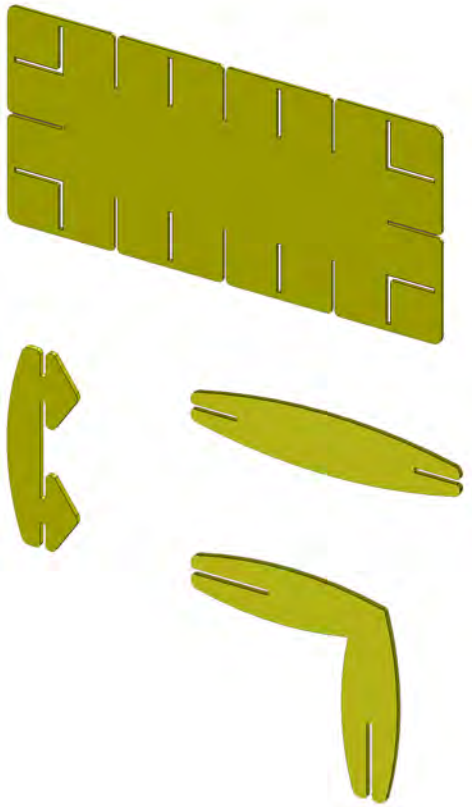


Material: Die-Cut Fluted Polypro & Injection Molded PP

Size: 15.75” x 8.75“ 0.157”

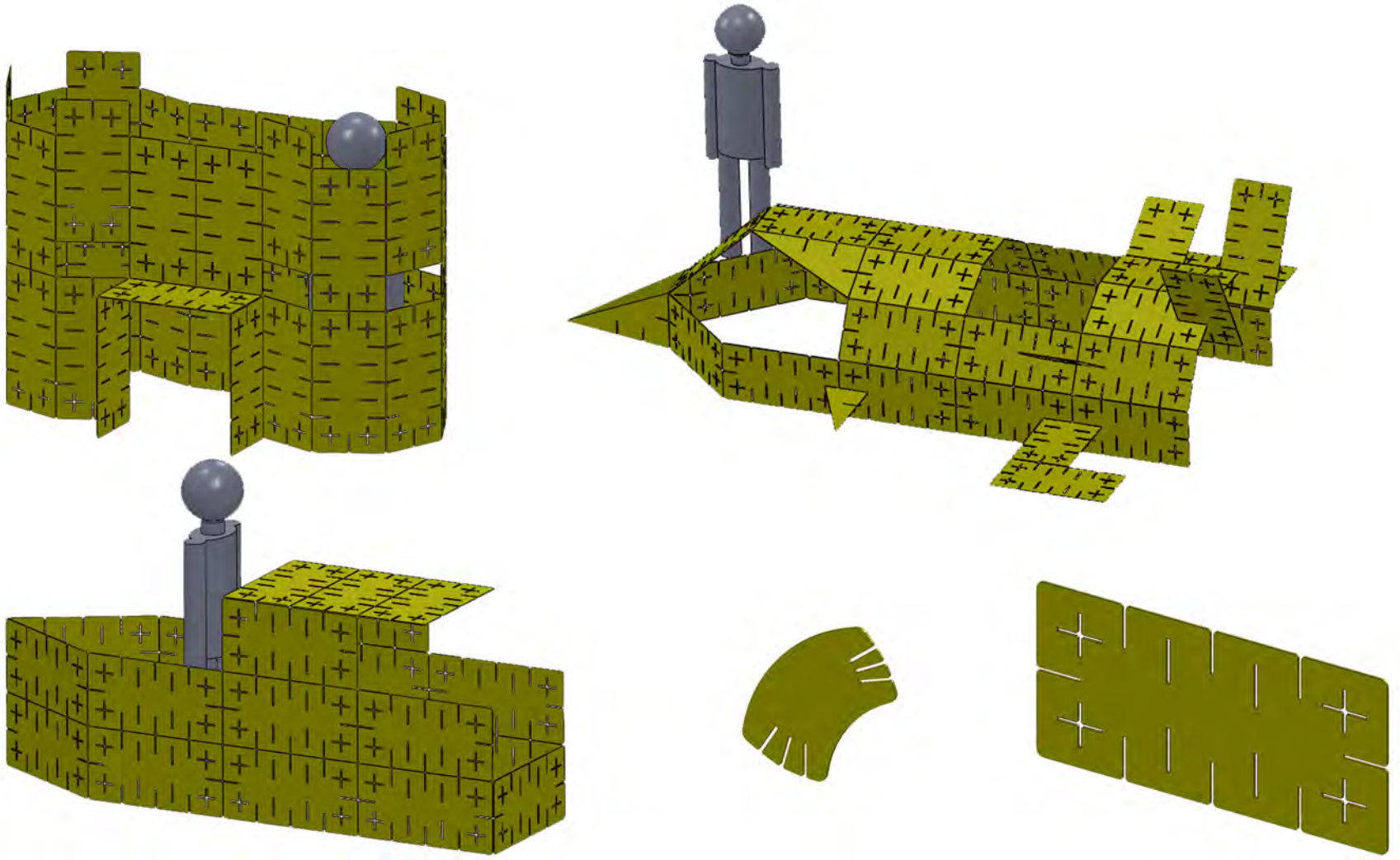
Fort Boards | **Version 37** | 1/30/13





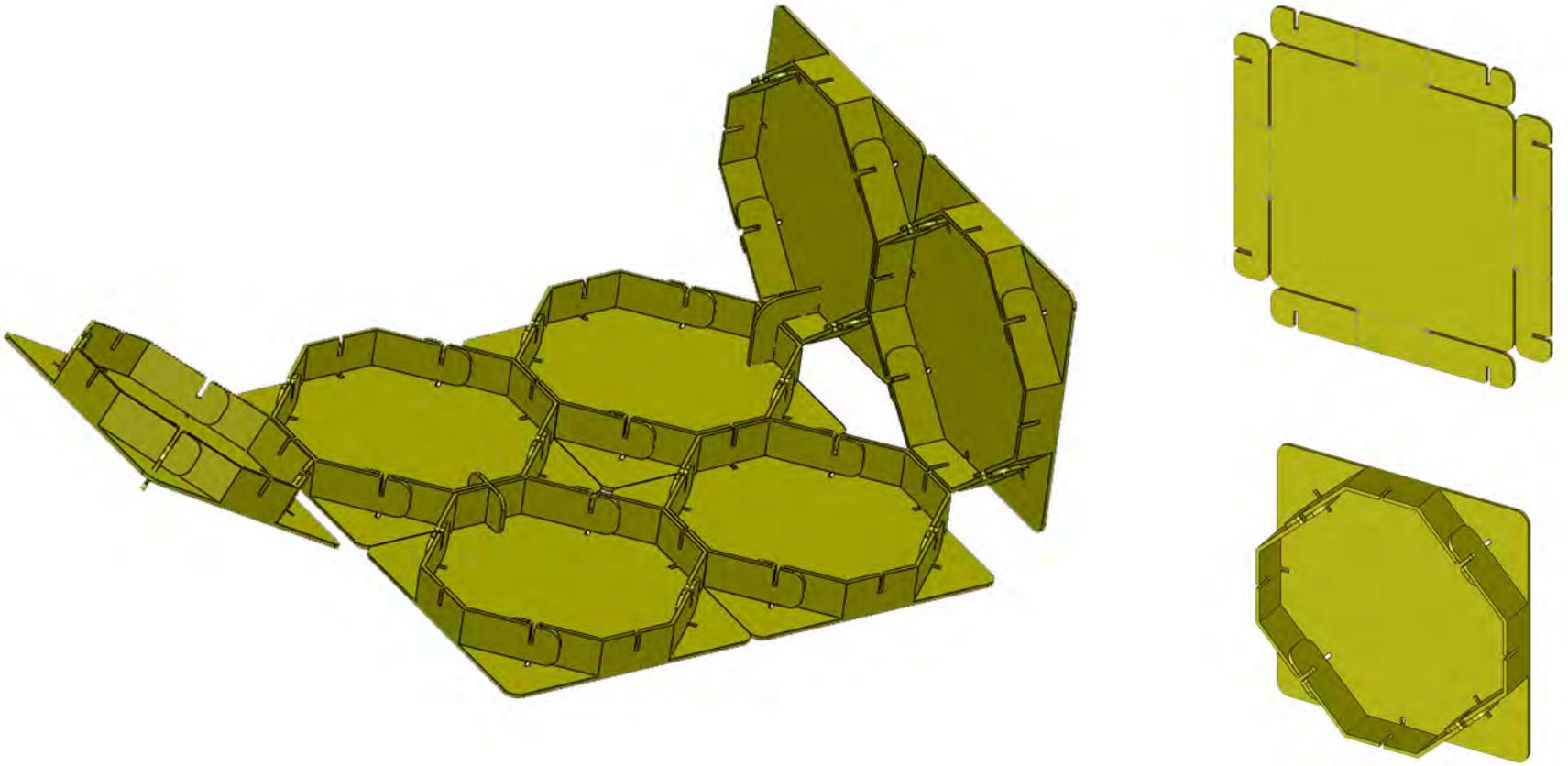
Material: Die-Cut Fluted Polypro | Size: 23.5” x 11.75” x 0.157”

Fort Boards | **Version 38** | 2/1/13



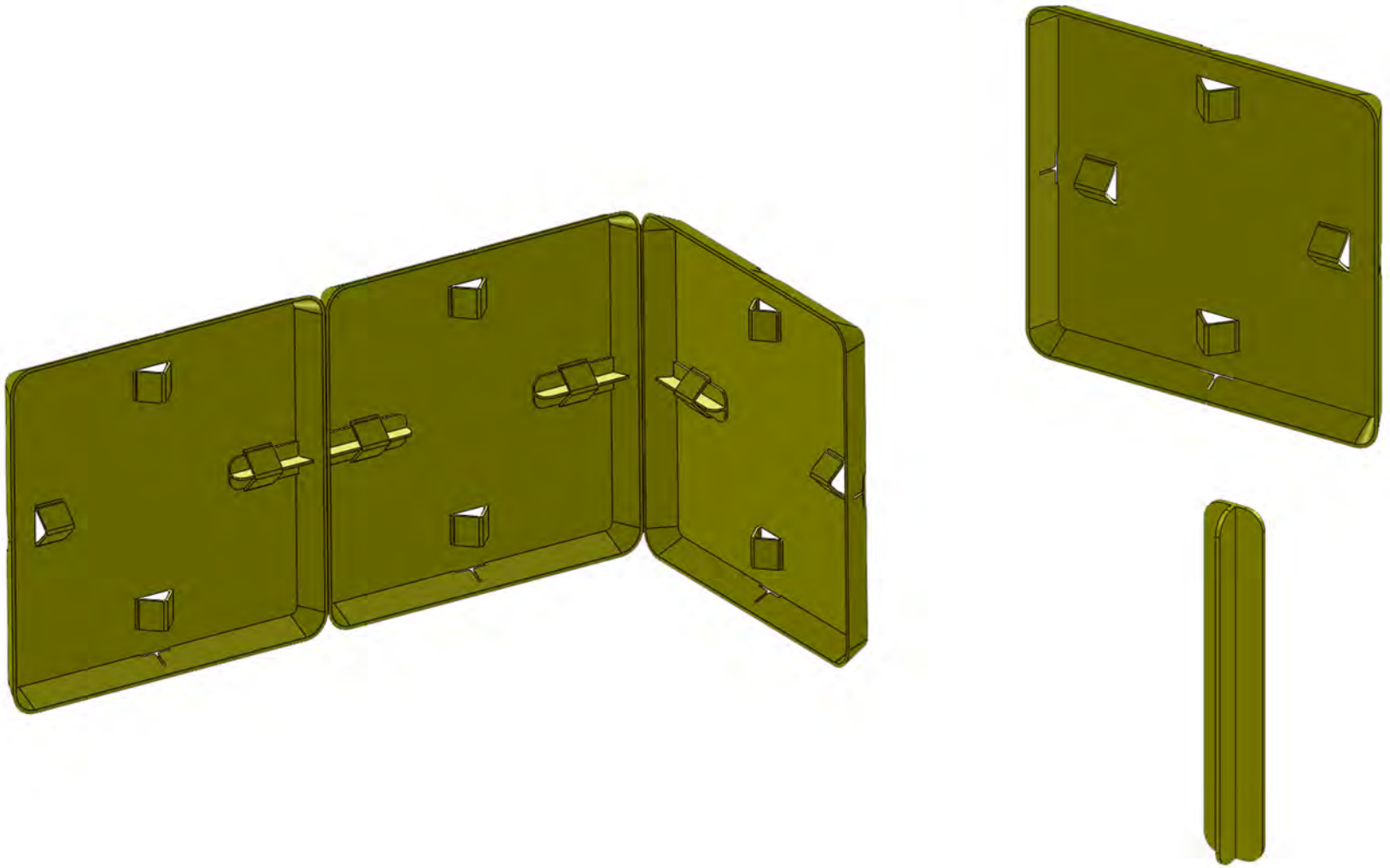
Material: Die-Cut Fluted Polypro | Size: 23.5” x 11.75” x 0.157”

Fort Boards | **Version 57** | 6/14/13



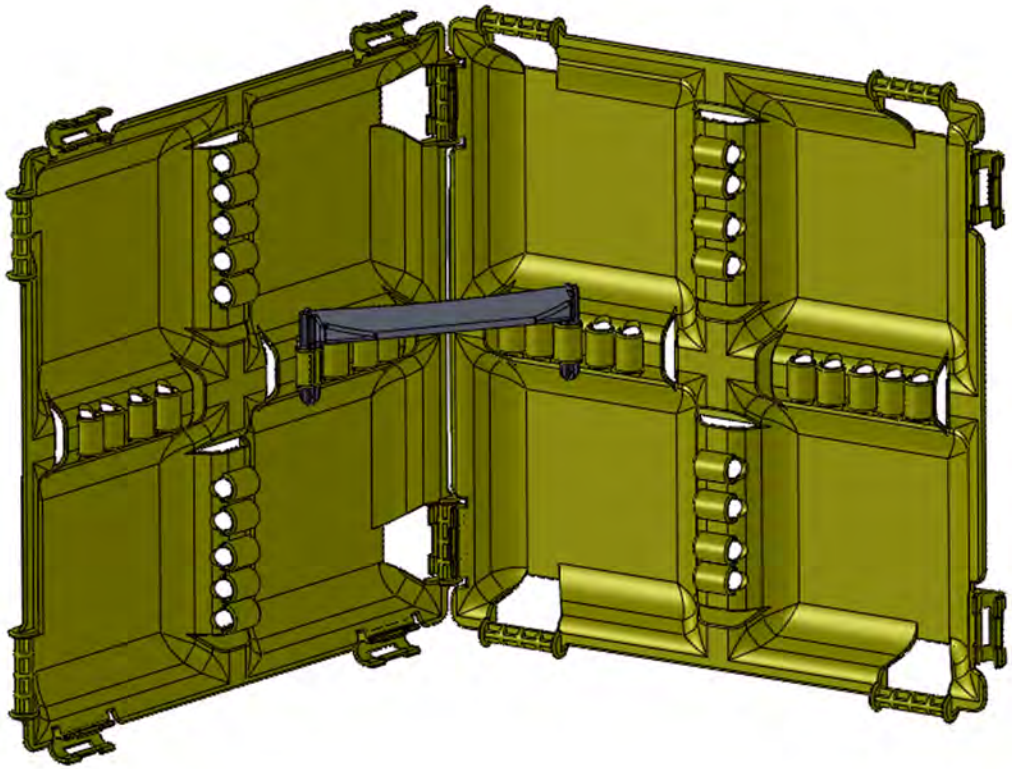
Material: Die-Cut Fluted Polypro | Size: 10.25” x 10.25” x 0.157”

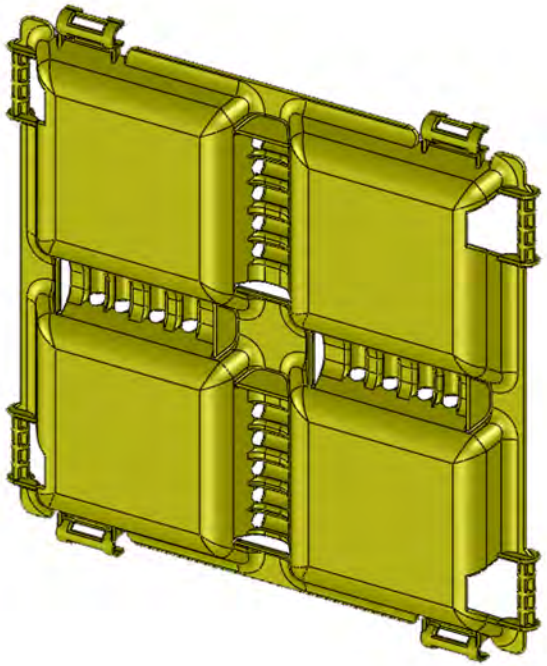
Fort Boards | **Version 85** | 7/25/13



Material: Injection Molded Polypro | Size: 8.7” x 8.7” x 0.1”

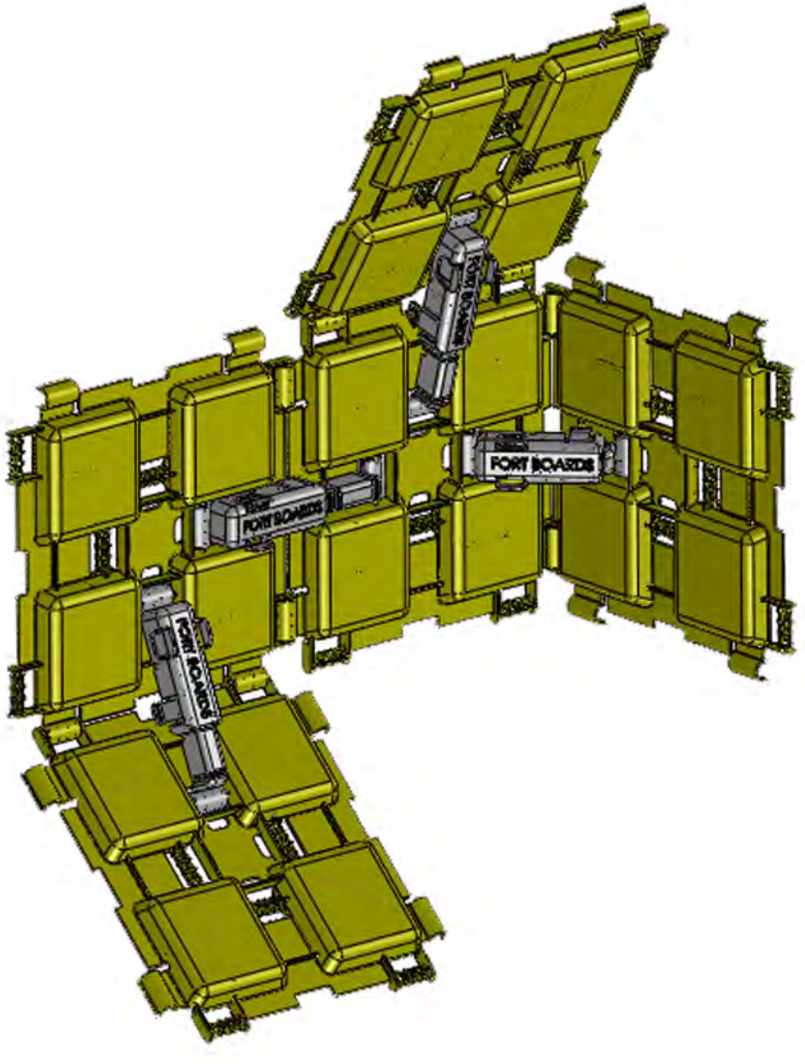
Fort Boards | **Version 103** | 9/11/13

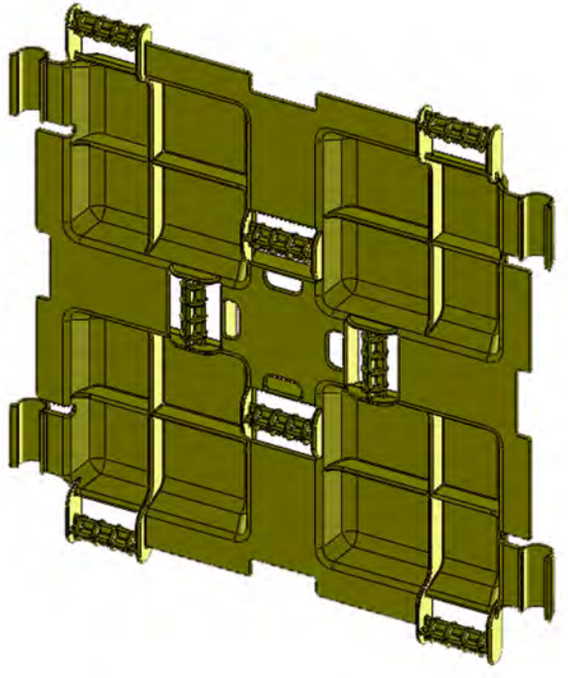


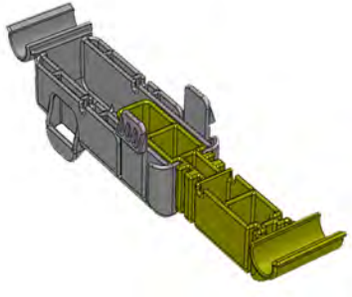


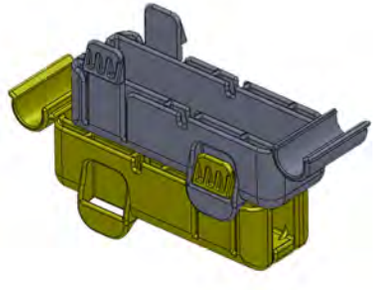
Material: Injection Molded Polypro | Size: 8” x 8” x 0.065”

Fort Boards | **Version 115** | 12/6/13



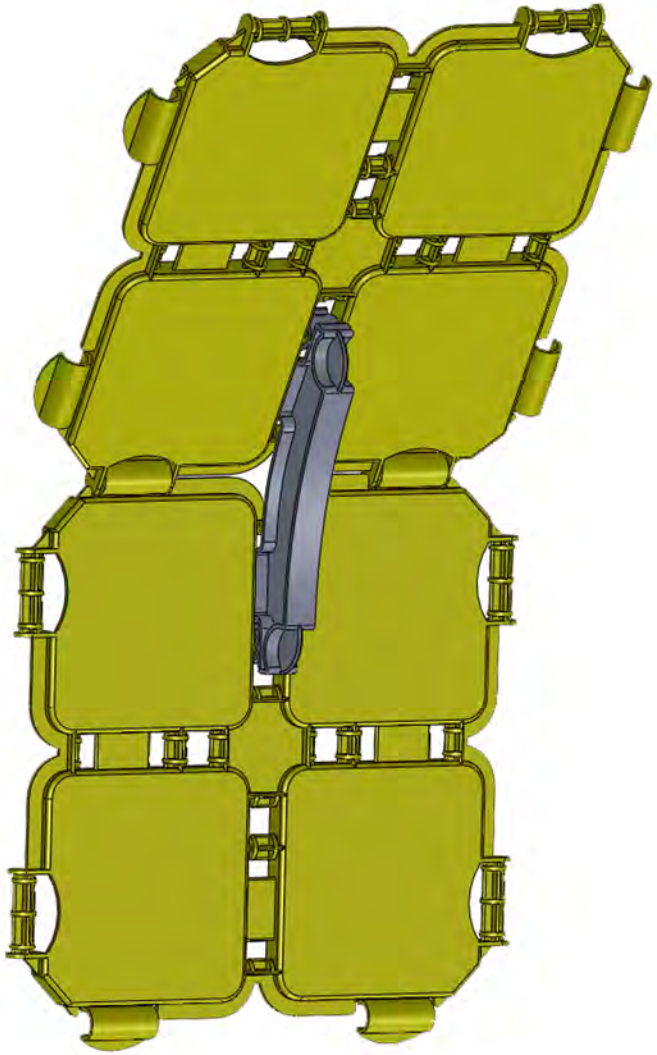


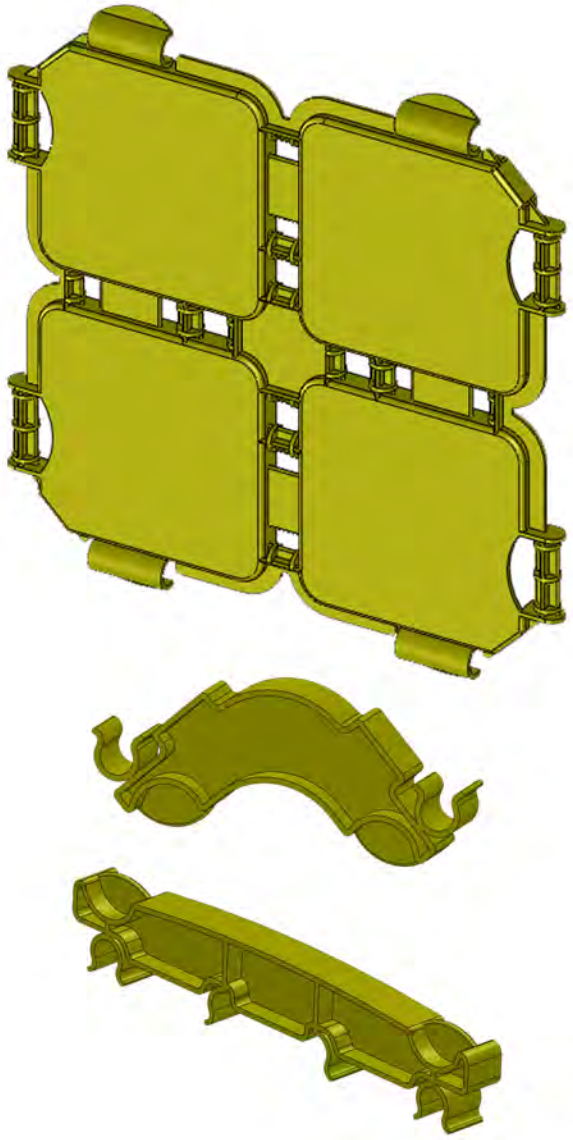




Material: Injection Molded Polypro | Size: 8” x 8” x 0.065”

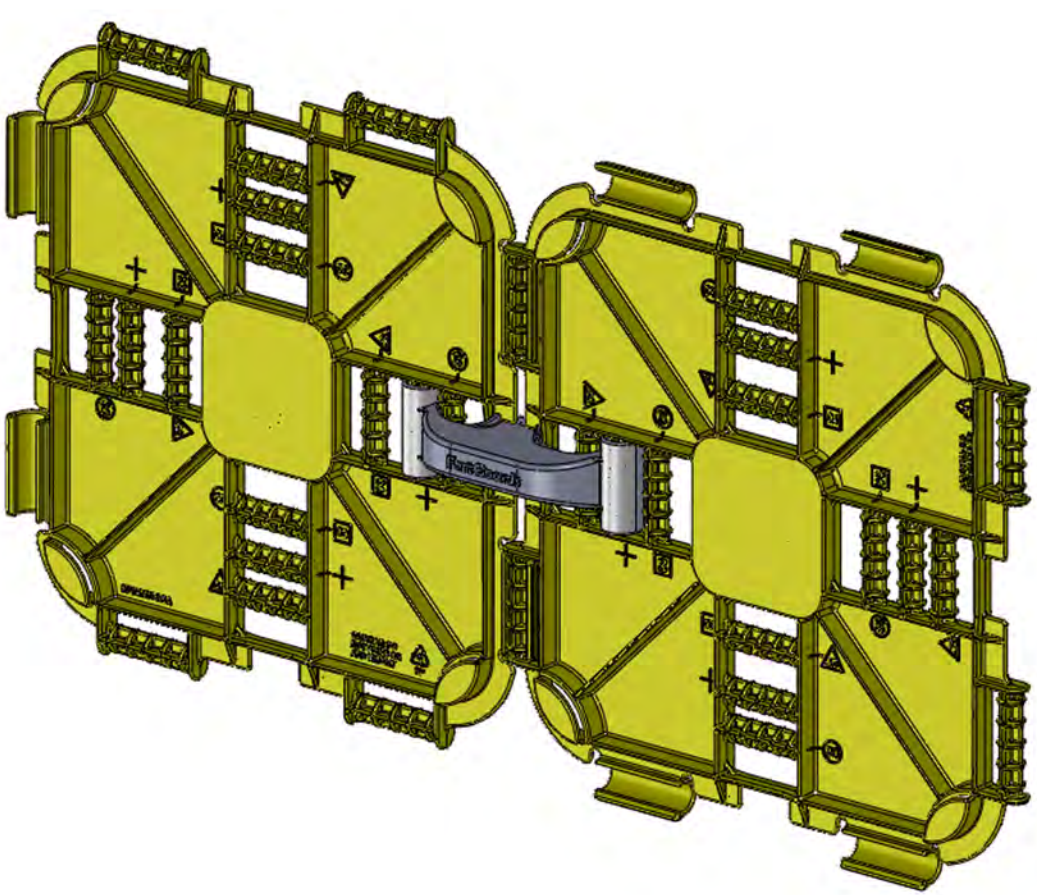
Fort Boards | **Version 134** | 1/23/14

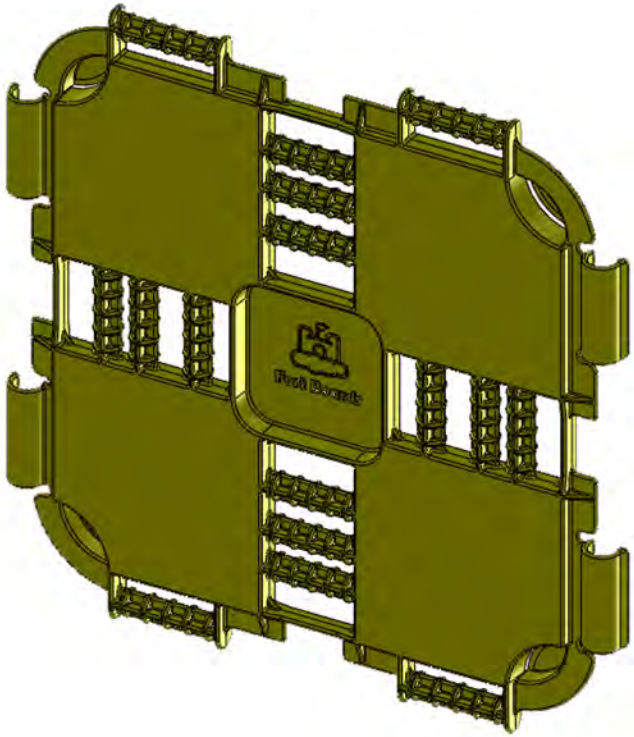




Material: Injection Molded Polypro | Size: 8” x 8” x 0.065”

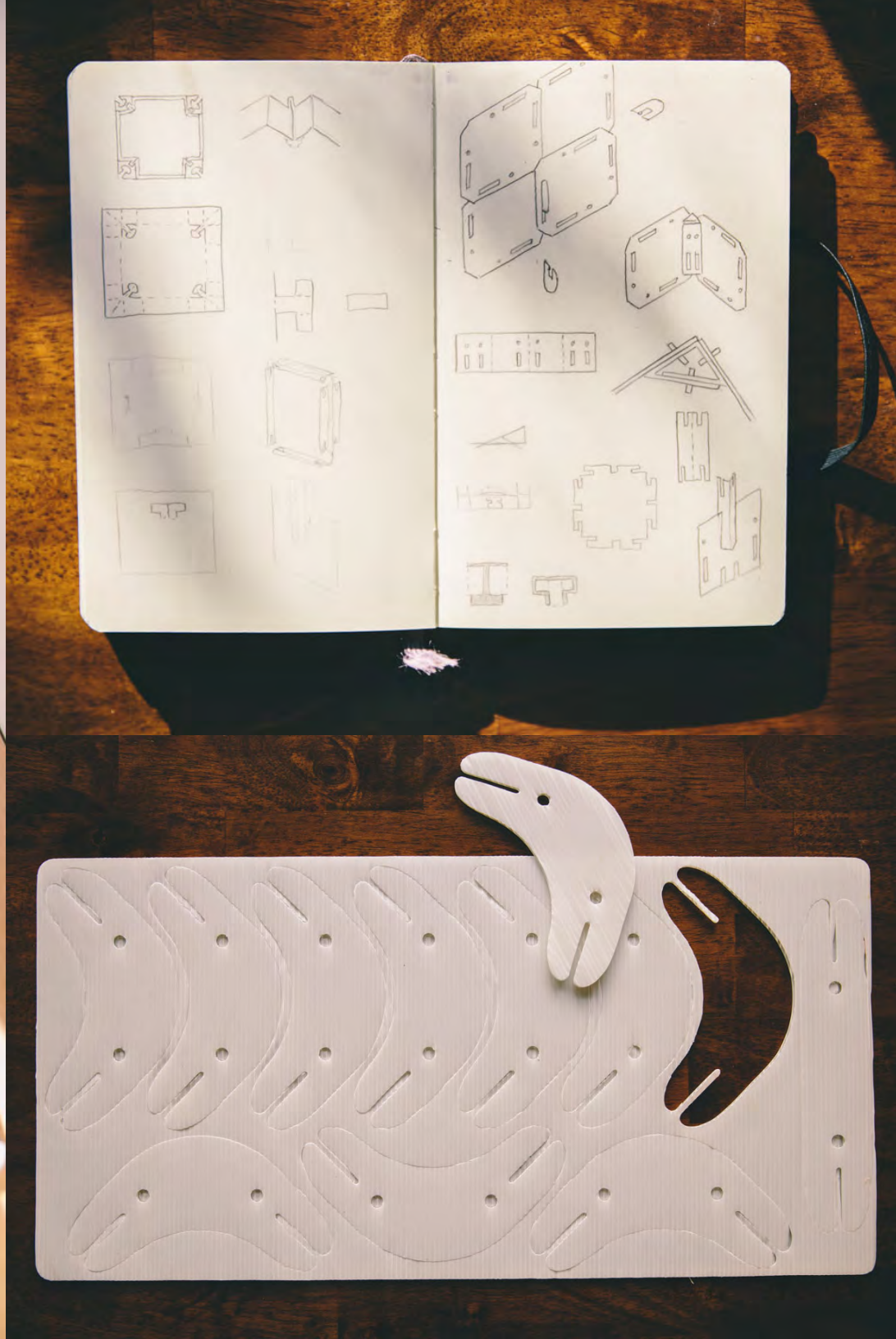
Fort Boards | **Version 165** | 9/12/14





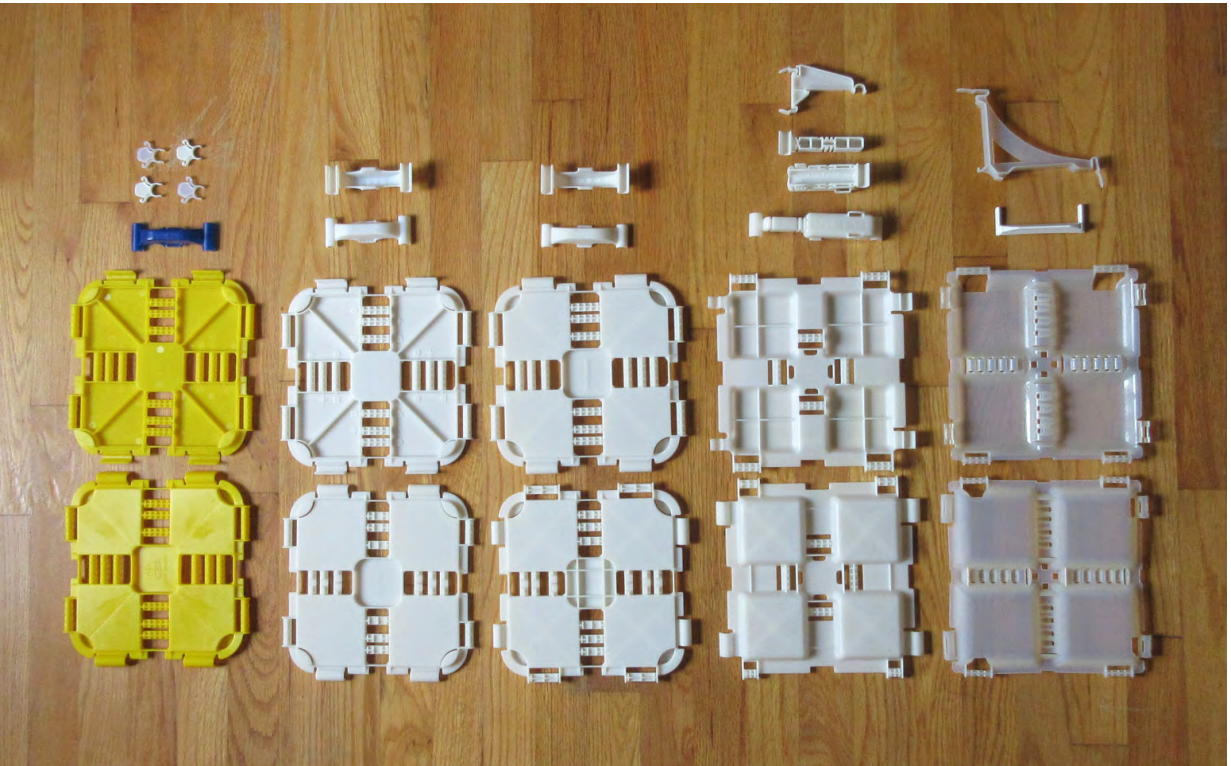
Material: Injection Molded Polypro | Size: 8” x 8” x 0.065”

CLEAN AIR &
YES 1
YES 2
r Commitment!



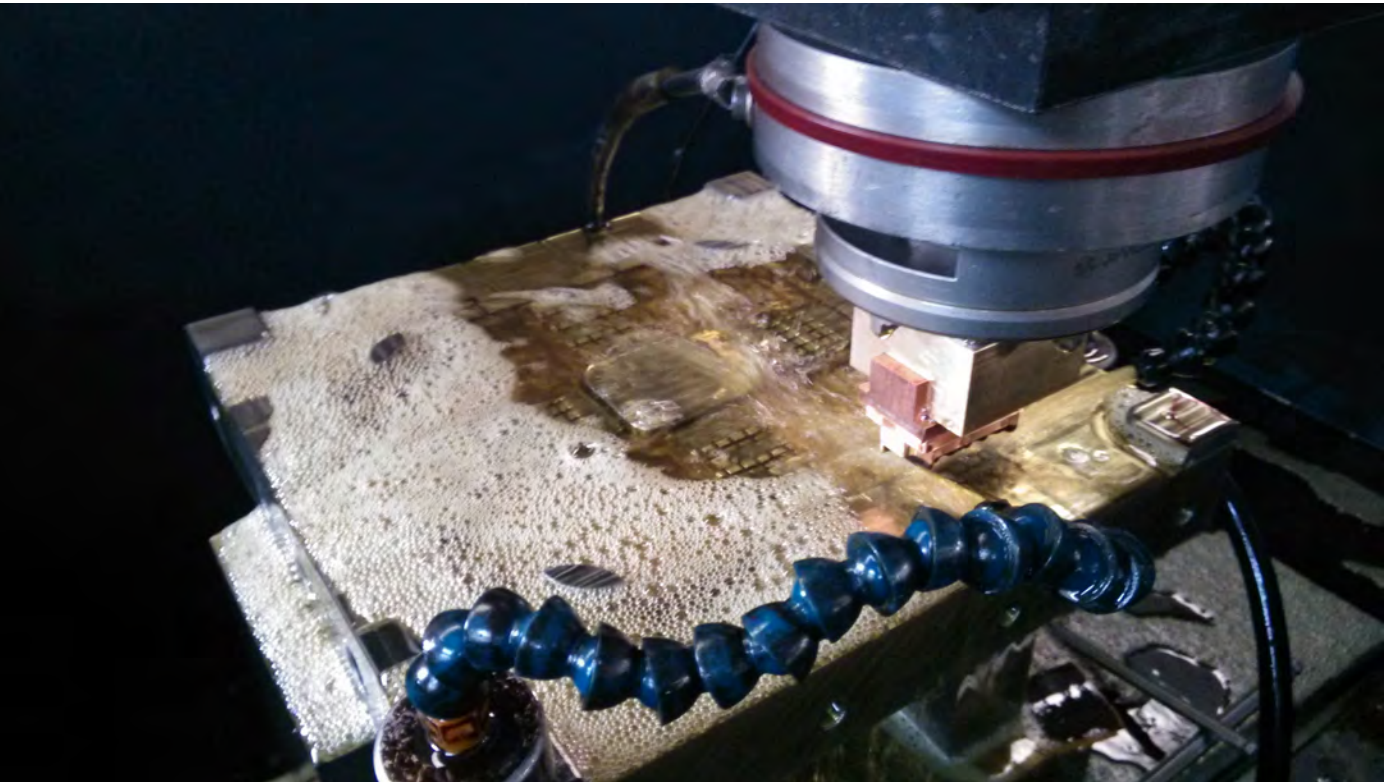
1st Die-Cut Production Run:
Too hard to build and too easy to fall apart.

Fluted Polypropylene Prototypes
(For Die-Cut Design Iterations)



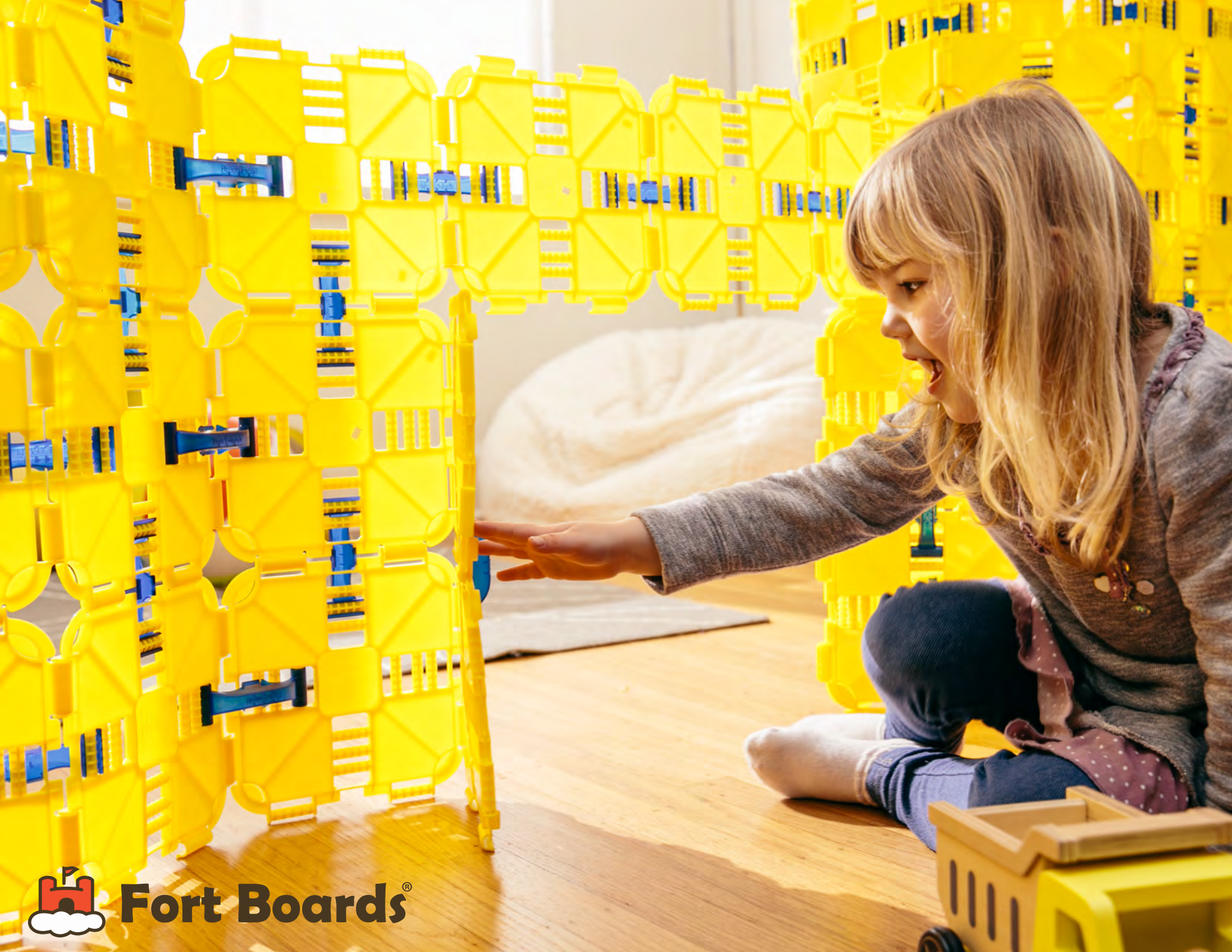
3D Printed Prototypes
(For Injection Molding Design Iterations)

Connector Tool Production



Board Tool Production

User Testing


Fort Boards®