

MORE INFO:



RESIDENTIAL & COMMERCIAL APPLICATIONS



DesignRail® Custom Resin Panel Infill

Gorgeous organic materials embedded in durable, stylish resin produced by 3form—a leader in architectural materials.

FLEXIBLE FRAME DESIGN

- Indoor use ONLY
- Powder-coated aluminum with stainless steel fasteners
- 5' on center max. post spacing
- 36", 39", or 42" standard heights (custom heights available) both level and stair applications
- Infill works with all Mounting options, Top Rail styles
- Can be used for Custom Gates
- Compatible with Post Accent Lights and Handrails

FRAME COLOR OPTIONS



- Durable, powder coated finishes adhere to AAMA-2604 coating specifications for superior color retention, impact resistance, and weather protection.
- Choose from the top selling colors listed here or go online to feeneyinc.com/color-selector to see more.



TEXTURED BLACK



BLACK



BRIGHT WHITE



BRONZE



SILVER



& MORE!



RESIN PANEL INFILL

- 1/4" thick resin panels by 3form
- Sandstone finish on both sides with subtle texture
- SCS-certified recycled content helps achieve LEED credits for building sustainability
- GREENGUARD Indoor Air Quality Certified
- Underwriters Laboratories registered
- Lightweight, half the density of glass which makes for easier installation
- Excellent chemical resistance which reduces potential harm incurred by cleaning agents
- Field trimmable width using straight edge and saw

RESIN PANEL OPTIONS



Bamboo Rings



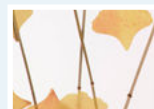
Bear Grass Lite



Connection Square Gray



Fossil Leaf Spade Random



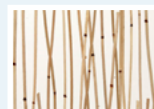
Ginkgo Thatch



Kathali Grays



Rice Grass



Thatch 50 Percent



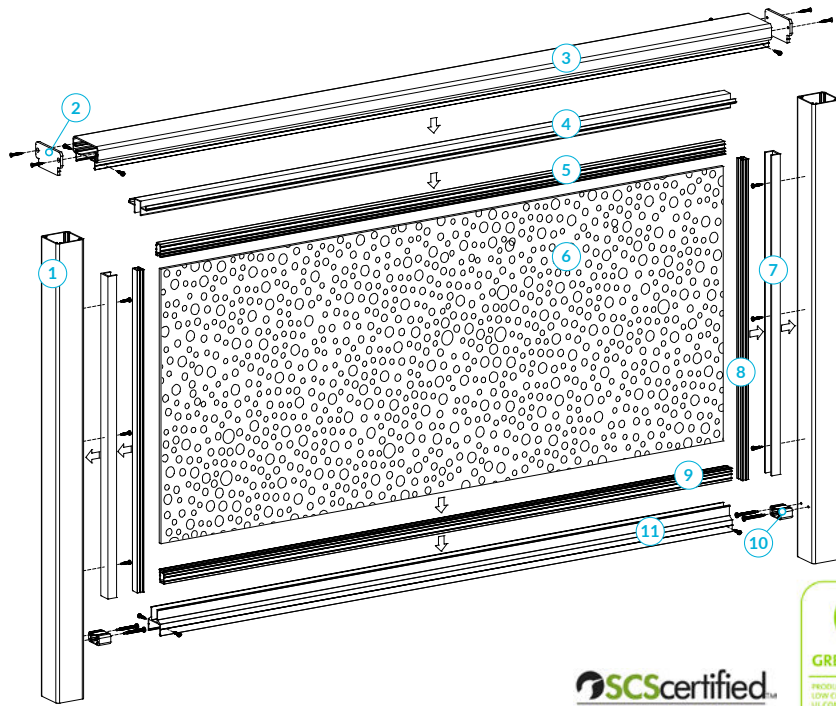
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ASSEMBLY DIAGRAM

RESIN PANEL RAILING COMPONENTS

- 1 Termination Post
- 2 Top Rail End Plate
- 3 Top Rail (Series 200 shown)
- 4 Top Rail Insert
- 5 Top Vinyl
- 6 Resin Panel
- 7 Side Channel
- 8 Side Vinyl
- 9 Bottom Vinyl
- 10 Bottom Rail Bracket
- 11 Bottom Rail



ALUMINUM FRAME & FASTENER SPECIFICATIONS

Extrusion Type	Alloy	Specification
Posts, RCBs, Splice Tubes, Fascia Brackets	6005A-T5	ASTM B221
Top Rail, Bottom Rail, Intermediate Rail, Snap Cap, Inserts, Pickets	6063-T6	ASTM B221 AMSQA200/9
Handrail Extrusion	6063-T52	ASTM B221 ASTM B429

Fastener	Alloy	Specification
Lag Screws	Type 18-8 Stainless Steel	ANSI/ASME B18.2.1-2012
Thru-Bolts/Cap Screws	Type 18-8 Stainless Steel	ASTM F593017 CW
Assembly Screws	Type 410 Stainless Steel	ANSI/ASME B18.6.4

RESIN PANEL SPECIFICATIONS

Material	Result/Rating	Specification
Smoke Density	Pass (71.6%)	ASTM D2843
Flame Spread	CC1	ASTM D635
Self-Ignition Temperature	Pass (716 °F)	ASTM D1929
Flame Spread	Class B	ASTM E84

MAINTENANCE GUIDELINES

Resin panels should be cleaned periodically. We recommend the use of the following common cleaning products: Windex, Formula 409, Simple Green, Fantastik, Maintex Oxy Citrus, Virex II, 10:1 Water/Bleach Solution.

Rinse the sheets with lukewarm water. (Be careful not to expose edges of organic or fabric interlayers to water) Remove dust and dirt with a soft cloth or sponge and a solution of mild soap and/or liquid detergent in water. A 50:50 solution of isopropyl alcohol and water also works well. Rinse thoroughly with lukewarm water.

Always use a soft, damp cloth to blot dry. Avoid harsh solutions or abrasive cleaning compounds, included but not limited to: alkaline or acidic cleaners, solutions containing trisodium phosphate, phosphoric acid, hydrofluoric acid, gasoline, benzene, acetone, carbon tetrachloride, certain deicing fluids, lacquer thinner or other strong solvents.

See [Warranty and Care brochure](#) or [scan the QR code](#) to learn more about our product maintenance guidelines and warranty information.

