Cubiform® Room Divider Screens

Solid phenolic room divider screens for space division and visual privacy, with optional decorative through-machined patterns.

Cubiform® Room Divider Screens with a decorative through-machined geometric pattern, installed as a lobby divider on a stone bench platform. Project installation shown for reference; the pattern, size, and finish are as specified for that project rather than as documented on this sheet.

PRODUCT OVERVIEW

Cubiform® Room Divider Screens are factory-fabricated solid phenolic (compact laminate) screens for interior space division and visual privacy, supplied as single panels or connected multi-panel runs with the connecting posts, bases, mounting hardware, and accessories required for installation. Screens mount freestanding on feet or bases, floor-anchored on posts, ceiling-hung from overhead structure, or wall-started, and may be finished on one or both sides for double-sided and freestanding applications. Optional decorative patterns are machined fully through the panel. Reference specification: Section 10 22 00 - Partitions (Room Divider Screens).

Panel material	**Solid phenolic compact laminate, NEMA LD 3**
Panel thickness	**1/2" (13 mm) or 3/4" (19 mm)**
Standard heights	**24 to 144 in. (610 to 3658 mm)**
Standard width	**24 to 60 in. (610 to 1524 mm)**

Core color	**Black or brown**
Decorative machining	**Optional through-machined patterns**
Fire rating	**ASTM E84 Class A (Class 1)**

TECHNICAL DATA

Characteristic	Technical data
Panel material	Cellulose fiber layers impregnated with thermosetting phenolic resin, fused under high heat and pressure with integral decorative surface layers, complying with NEMA LD 3. Self-supporting and resistant to moisture, humidity, impact, and graffiti
Panel thickness	1/2" (13 mm) or 3/4" (19 mm)
Standard sizes	Standard heights 24-144 in. (610-3658 mm); standard width 24-60 in. (610-1524 mm). Custom sizes as scheduled
Faces	Decorative surface one side with backer, or both sides decorative for double-sided and freestanding applications
Edges	Machined smooth with radiused corners and polished 15-degree beveled exposed edges
Decorative through-machining	Optional patterns machined fully through the panel, selected from the manufacturer's standard decorative panel designs, or custom where scheduled. Machined openings deburred and finished to a smooth consistent profile, free of chipping, burning, and tool marks, with a minimum 1/8" (3 mm) radius at internal corners
Colors and finish	Selected from the manufacturer's standard color range; black or brown core; matte or suede finish. Digitally printed or engraved graphics and logos where scheduled
Mounting types	Freestanding on phenolic feet or metal bases; floor-anchored on posts or base plates; ceiling-hung from overhead structural support; or wall-started runs. No folding configuration
Posts, bases, and shoes	Aluminum or solid phenolic connecting posts; phenolic feet or stainless steel / aluminum bases sized for stability; floor anchorage concealed by 4" (102 mm) high Type 304 stainless steel shoes, No. 4 satin finish
Hardware	Through-bolted, tamper-resistant Type 304 stainless steel or aluminum; “D”-type and connecting-post brackets; tamper-resistant fasteners at exposed locations
Stability	Freestanding and floor-supported screens designed to resist tipping and the lateral loads required by the applicable code for the configuration and height specified
Surface burning characteristics	ASTM E84; Class A (Class 1) — flame-spread index 25 or less and smoke-developed index 450 or less. Independent test reports to be submitted
Impact resistance	ASTM D5420 referenced; independent data to be submitted
Accessibility	Locate screens so as not to obstruct clear floor space and accessible routes required by ICC/ANSI A117.1 and the 2010 ADA Standards
Environmental limits	Maintain 60 to 80 °F (16 to 27 °C) and 35 to 55 percent relative humidity during storage, installation, and the product life cycle. Solid phenolic is dimensionally stable but not dimensionally inert. Acclimate 72 hours prior to installation

Characteristic	Technical data
Certifications	UL GREENGUARD / GREENGUARD Gold, where required by the Project
Warranty	One (1) year from the date of Substantial Completion against defects in materials and manufacture, including delamination and breakdown of the phenolic panels from moisture and humidity, when installed and maintained within the specified environmental limits. Refer to AAPG's published warranty for full terms
Applications	Interior space division and visual privacy in offices, lobbies, healthcare, hospitality, dining, and similar commercial interiors

Nominal dimensions: All dimensions shown are nominal. Final product selection and detailing should be confirmed against current production data, project conditions, applicable codes, and installation requirements.

Installation. This data sheet is issued for product selection and design coordination only. **It is not an installation instruction, and nothing on this document is to be used for installation.** Install in accordance with AAPG's current published installation instructions and the approved shop drawings. The dimensions, details, and data shown here describe the product; they do not describe the substrate preparation, sequence, fixings, or tolerances required to install it. Where this sheet and the installation instructions differ, the installation instructions govern.