

Product Data Sheet

Preserved Moss Wall Systems — Commercial Interiors | CSI Division 09, Section 09 9313

Austin Moss Creations designs, fabricates, and installs preserved moss wall systems as a permanent interior architectural finish. Systems are factory-fabricated as modular panels and field-installed with a concealed mounting system. Preserved botanical material is non-living and requires no irrigation, artificial lighting, or horticultural maintenance.

SYSTEM TYPES

System type	Description
Structured Wall	Controlled composition with defined geometry and stabilized botanical material. Clean, architectural, repeatable.
Hybrid Wall	Structured composition combined with organic botanical texture. Balances geometry with natural variation.
Wild Wall	Organic, layered botanical composition with natural variation. Lush, dimensional, freeform.

STANDARD PANEL MODULES

Austin Moss Creations fabricates panels to standard modules for production efficiency, scheduling, and structural coordination. Large-format installations are panelized in larger sections to minimize seams and optimize field assembly. Custom sizes are available for program rollouts and non-standard conditions.

Module	Dimensions	Typical use
Accent	24" x 24"	Feature walls, column wraps, and accent applications.
Standard	24" x 48"	Primary module for mid-scale commercial applications. Aligns with standard wall framing and stud spacing.
Large format	48" x 96"	Lobby walls, large-scale installations (200+ sf). Reduces seams, improves visual continuity, faster field installation.
Custom	Per project	Program rollouts (IHG, Meltwater, and similar) and non-standard wall conditions. Confirm during coordination.

SYSTEM CONSTRUCTION

Layer	Material
Surface	Preserved botanical material — flat, pole, mood, pillow, or reindeer moss, selected by composition and system type.
Acoustic layer	Polyester (PET) acoustic felt, where scheduled for sound absorption.
Structural backing	Fire-retardant-treated (FRT) plywood panel, UL Classified, ASTM E84 / UL 723 Class A.
Mounting	Concealed interlocking Z-clip (French cleat) attachment to interior wall construction. Corrosion-resistant fasteners.

DATA AT A GLANCE

Property	Data
Application	Interior commercial finish (CSI Division 09, Section 09 9313).
Panel modules	24"x24" accent; 24"x48" standard; 48"x96" large format. Custom sizes available.
System weight — Structured Wall	Approx. 6–8 lbs per square foot. Final weight confirmed at submittal.
System weight — Hybrid Wall	Approx. 7–9 lbs per square foot. Final weight confirmed at submittal.
System weight — Wild Wall	Approx. 9–12 lbs per square foot. Final weight confirmed at submittal.
Acoustic — PET layer	NRC 0.85 at 3/8 in.; NRC 0.90 at 3/4 in. (ASTM C423). Values apply to the PET acoustic felt layer, not the assembled system.
Fire — component data	PET felt: ASTM E84 Class A (MergeWorks, April 2023). FRT backing: ASTM E84 / UL 723 Class A, UL 723 Class B.
Maintenance	None required. No irrigation, no artificial lighting, no horticultural upkeep.
Fabrication	Factory-fabricated modular panels, field-installed.
Fabrication lead time	Typically 4–6 weeks from approved shop drawings. Confirm during project coordination.
Environment	Interior only. 60–80°F; 30–60% RH. Not for exterior, direct water exposure, or sustained direct sunlight.
Estimated service life	10+ years under specified interior conditions with adherence to maintenance guidelines.
Warranty	5 years from Substantial Completion. See warranty documentation for terms and exclusions.

TYPICAL APPLICATIONS

Hospitality · Workplace · Healthcare · Multifamily · Retail · Luxury Residential

SCOPE

Included: Preserved botanical material, acoustic felt layer, FRT structural backing, fabricated non-electrical branding or lettering, and concealed mounting.

By others — Division 06: Wood blocking and backing for structural support.

By others — Division 26: Electrical rough-in, final connection, and any integrated or illuminated elements.

AVAILABLE DOCUMENTATION

Product Data Sheet · Section 09 9313 Guide Specification · Fire & Material Performance Data Sheet · Installation Requirements & Coordination Guide · Maintenance & Care Guide · Component fire test documentation provided for project submittals upon request · Project references available upon request

Fire data reflects available documentation for individual component materials. NRC values apply to the PET acoustic felt layer, not the assembled system. Final assembly performance depends on configuration; assembly testing may be commissioned where required. Confirm project-specific values with Austin Moss Creations.