

Product Data Sheet

Preserved Moss Wall Systems — Commercial Interiors

CSI Division 09 — Finishes · Section 09 77 53 · Document AMC-TD-01 · Revision 04 · Issued 22 July 2026 · Austin Moss Creations LLC · Austin, Texas · 737.373.2803 · info@austinmosscreations.com · austinmosscreations.com

Austin Moss Creations is a commercial architectural specialty manufacturer of preserved moss wall systems. Systems are factory-fabricated as modular panels and field-installed with a concealed mounting system as a durable interior architectural finish intended for long-term commercial interior applications when installed and maintained in accordance with Austin Moss Creations published requirements. Preserved botanical material is non-living and requires no irrigation, artificial lighting, or horticultural maintenance.

Fire classifications shown apply to individual component materials as tested under the standards noted. They do not constitute a fire rating, classification, or listing of the assembled Austin Moss Creations system, and no UL Classification, listing, or marking applies to the assembled system.

Installed fire performance depends on the specific assembly, the adjacent construction, and field conditions. Compliance with applicable building codes for a given Project is determined by the design team and the Authority Having Jurisdiction.

System Types

System type	Description
Structured Wall	Controlled composition with defined geometry and stabilized botanical material. Clean, architectural, repeatable. Suited to program work where visual consistency across locations is required.
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 reduce the number of joints and simplify field assembly. Non-standard sizes may be available for program rollouts and non-standard wall conditions, subject to project review.

Module	Dimensions	Typical use
Accent	24 in. × 24 in.	Feature walls, column wraps, and accent applications.
Standard	24 in. × 48 in.	Primary module for mid-scale commercial applications. Aligns with standard wall framing and stud spacing.

Module	Dimensions	Typical use
Large format	48 in. × 96 in.	Lobby walls and large-scale installations, typically 200 sq ft and larger. Reduces the number of joints, improves visual continuity, and speeds field assembly.
Non-standard	Per project	Program rollouts and non-standard wall conditions. Subject to project review; confirm during coordination.

System Composition

The system is a layered panel assembly. Layers are described below by function and required performance so that fire, acoustic, and structural review can be completed from this document. Component materials are specified by performance, not by source.

Layer	Function and required performance
Surface	Commercial-grade preserved botanical material — flat, pole, mood, pillow, or reindeer moss, selected by composition and system type. Stabilized and non-living. Fire-rated material available where specified; see Fire & Material Performance.
Acoustic layer	Commercial polyester (PET) acoustic felt, provided where sound absorption is scheduled. ASTM E84 / UL 723 Class A. NRC values apply to this layer only.
Structural backing	Fire-retardant-treated wood-based structural panel. ASTM E84 / UL 723 Class A, Flame Spread Index not greater than 25 under the extended 30-minute test. UL Classified material.
Mounting	Concealed interlocking Z-clip (French cleat) attachment to interior wall construction. Corrosion-resistant fasteners appropriate to the substrate.

Component materials are procured from approved sources meeting the published performance requirements of this document. Austin Moss Creations reserves the right to provide materials from any source meeting or exceeding those requirements. Materials furnished on a given Project are documented at submittal.

Data at a Glance

Property	Data
Application	Interior commercial architectural finish. CSI Division 09, Section 09 77 53.
Panel modules	24 in. × 24 in. accent; 24 in. × 48 in. standard; 48 in. × 96 in. large format. Non-standard sizes subject to project review.
System weight — Structured Wall	Typically 6–8 lb per sq ft. Typical values determined from production panels; final weight for the project composition is confirmed at submittal and governs.
System weight — Hybrid Wall	Typically 7–9 lb per sq ft. Confirmed at submittal.
System weight — Wild Wall	Typically 9–12 lb per sq ft. Confirmed at submittal.
Acoustic — felt layer only	NRC 0.85 at 3/8 in.; NRC 0.90 at 3/4 in. per ASTM C423. Values apply to the polyester (PET) acoustic felt layer only and are not represented as whole-system moss wall acoustic values.

Property	Data
Fire — component data only	Preserved botanical material, fire-rated lines: EN 13501-1 B-s1,d0, accredited third-party laboratory. Polyester (PET) acoustic felt: ASTM E84 / UL 723 Class A; FSI 0–25, SDI 0–450. Fire-retardant-treated structural backing: ASTM E84 / UL 723 Class A, FSI ≤ 25 (extended 30-minute test), UL Classified material. Classifications apply to individual component materials, not the assembled system. Current test documentation provided for project submittals.
Maintenance	No irrigation, no artificial lighting, and no horticultural maintenance. Routine care is limited to periodic light dusting and a recommended annual visual inspection under the specified interior conditions.
Fabrication	Factory-fabricated modular panels, field-installed by Austin Moss Creations personnel or an installer trained and approved by Austin Moss Creations.
Fabrication lead time	Typically 4–6 weeks from approved shop drawings. Typical only; confirmed at order acknowledgement.
Environment	Interior only. 60°F to 80°F; 30% to 60% relative humidity. Not for exterior application, direct water contact, or sustained direct sunlight.
Intended service life	Intended service life of 10+ years under the specified interior environmental conditions and normal commercial use. Intended service life is design intent, not a warranty, and does not extend the warranty period.
Warranty	5-year commercial limited warranty from the date of Substantial Completion. See the Austin Moss Creations Commercial Limited Warranty, which is the sole and exclusive warranty for the System.

Applications & Use Limitations

Typical applications

Hospitality · Corporate workplace · Healthcare · Multifamily · Retail · Restaurants · Education · Mixed use

Use limitations

Preserved moss wall systems are interior architectural finishes. They are not intended for environments subject to repeated physical contact, abrasion, impact, or public interaction. Installation in high-contact circulation zones is not recommended unless protected by project-specific design measures.

Program & Commercial Capability

Austin Moss Creations supports national hospitality programs through executed commercial supply agreements, and provides standardized systems for multi-location corporate rollouts in the technology and financial services sectors. Standard modules support program deployment; non-standard sizes may be available subject to project review. Representative project references are available upon request.

Standardized systems, published performance data, a controlled specification section, and a single fabrication and installation source support repeatable multi-location deployment on a consistent schedule and to a consistent visual standard.

Scope of Supply

Included

- Preserved botanical material.
- Acoustic felt layer, where scheduled.
- Fire-retardant-treated structural backing panel.
- Fabricated non-electrical branding, lettering, and dimensional elements as indicated.
- Concealed mounting system and fasteners.
- Shop drawings, product data, component test documentation, and maintenance data for submittal.
- Field installation by Austin Moss Creations personnel or an installer trained and approved by Austin Moss Creations.

By others

- Division 06 — Rough Carpentry: wood blocking and backing for structural support.
- Division 09 — Gypsum Board: substrate wall construction to receive the system.
- Division 26 — Electrical: electrical rough-in, final connection, and any integrated or illuminated elements.
- Structural adequacy of the building structure, wall framing, substrate, and blocking.

Design Responsibility

Austin Moss Creations provides product information, performance data, and installation requirements for the preserved moss wall system. Shop drawings show panel layout, module dimensions, joint locations, and mounting component locations; they are not delegated-design submittals and are not represented as engineering documents. Project-specific design responsibility, including structural adequacy of the building structure, wall framing, substrate, and blocking, remains with the Architect of Record and the Project’s design professionals unless Austin Moss Creations is separately contracted in writing for that scope.

Available Documentation

Document	Number and use
Product Data Sheet	AMC-TD-01 · This document.
Fire & Material Performance	AMC-TD-02 · Component classifications, standards, and submittal documentation.
Section 09 77 53 Guide Specification	AMC-TD-03 · Three-part CSI guide specification for specifiers.
Installation Requirements & Coordination Guide	AMC-TD-04 · Project conditions, substrate, blocking, schedule, and trade coordination.

Document	Number and use
Maintenance & Care Guide	AMC-TD-05 · Owner care requirements for operation and maintenance manuals.
Commercial Limited Warranty	AMC-TD-06 · Sole and exclusive warranty. Provided with proposal.
Component test documentation	Provided for project submittals at no additional cost, typically within five business days of a complete request.
Project references	Available upon request.

Document Control

Document title	Product Data Sheet — Preserved Moss Wall Systems
Document number	AMC-TD-01
Revision	04
Issue date	22 July 2026
Status	Released for distribution
Document owner	Mary Cowger, Founder & Creative Principal, Austin Moss Creations LLC
Supersedes	Revision 03 (July 2026) and all prior revisions
Distribution	Public. May be issued to architects, designers, general contractors, and owners.
Related documents	AMC-TD-02 · AMC-TD-03 · AMC-TD-04 · AMC-TD-05 · AMC-TD-06

Revision history

Rev.	Date	Description	Approved by
01	May 2026	Initial controlled release.	M. Cowger
02	June 2026	Absolute language removed; component-level qualifiers added; service life standardized; warranty cross-reference added.	M. Cowger
03	July 2026	Contact information standardized; CSI section number confirmed as 09 77 53; coordination and lead-time references aligned.	M. Cowger
04	22 July 2026	Legal and specification audit implemented. Component suppliers and product lines removed and replaced with performance descriptions. System construction table restated by function and required performance. Fire statement box added at head of document. Durability claim qualified. Client names replaced with program capability language. Use limitations, design responsibility, and sourcing reservation added. Service life, weights, lead time, and custom availability qualified. Document control block, revision history, supersedes statement, legal notice, and page footers added.	M. Cowger

This document, Revision 04 dated 22 July 2026, supersedes all prior revisions of the Austin Moss Creations Product Data Sheet. Prior revisions are withdrawn and should not be relied upon. Where this document conflicts with a prior revision in a project file, this revision governs.

Legal notice

This document is provided for design assistance. Values shown are typical and are based on available test documentation for individual component materials under the standards noted; they do not represent tested performance of the assembled system. Project-specific conditions govern, and project values are confirmed at submittal. Nothing in this document constitutes a warranty, express or implied. The Austin Moss Creations Commercial Limited Warranty is the sole and exclusive warranty for the System.

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