

DESCRIPTION

Accelerating the lean building process

Treadstone® Elite Duo – Two component system comprised of needle punched non-woven polyester fabric and monolithic, rolled plastic core membrane in a high compression resistance cusped HDPE design. This unique system provides compression/deflection resistance never before seen in an acoustical sound mat product. Due to its flexible properties, Duo can be run up walls and serve as the perimeter isolation strip, thus eliminating leaks (flanking paths) due to tape failure or improper installation practices.



- 33,000lbs per sf for 1mm of deflection
- Ready for floor covering in 7-10 days
- Specifically designed to achieve greater low frequency performance
- Two component system provides total perimeter isolation
- Light / Flexible for easy installation
- UL Listed 117 designs
- LEED Credits; Materials and Resources - MR 3, MR 4, MR 5, MR 6; Indoor Environmental Quality IEQ 1, IEQ 2; Innovation and Design Process – IDP 1

Treadstone™ M2 Sound Attenuating Mat - A three dimensional mesh of Polypropylene Synthetic Monofilaments, UV stabilized, tangled and welded where they cross laminate to the Polypropylene Barrier Fabric. With its U Shaped geometry, Treadstone™ M2 delivers optimum sound control between floor levels, with long term benefits due to its excellent mechanical compression resistance.

- Polypropylene barrier fabric
- Low profile; 1/4" thick
- Flexible and resilient, while maintaining excellent compression resistance.
- Because this system is embedded, noise problems are reduced, even when floor coverings are changed or replaced.

Elevation® S60 Waterproofing Membrane –When used in conjunction with Prescient® Structural systems, the Elevation waterproofing system provides a solution to waterproof decks of the building as needed *during* the construction process. This method allows trades to begin their work while the structural members are being installed on each consecutive floor above, considerably shortening the build schedule. Currently, Elevation® S60 is a UL listed waterproofing membrane that is approved for use in Prescient® systems and is allowable to remain as a component of the fire-rated floor ceiling assembly.



- Extra tough white triple layer polyolefin top scrim provides 6x wear resistance of competitors
- Suitable for foot traffic after installation
- High tack rubberized asphalt provides superior adhesion to metal deck
- Visual overlap line for QC of proper lap seams
- Reduces total build time by allowing trades to begin rough-in before framing completion
- UL listed G592 & H502

ACOUSTICAL PERFORMANCE

Assembly	Treadstone® Underlayment	Treadstone® Sound Attenuating Mat	Finished Floor Covering	STC	IIC
254mm Prescient® Steel Assembly, RC Channel 12" OC, 1 Layer 5/8" Ceiling Board	1" Treadstone® FR25	Treadstone® M2	Vinyl*	56	52
		Treadstone® Elite Duo	Vinyl*	56	55
			Ceramic	57	56

*All independent acoustical testing was conducted using an unbacked 2.5mm vinyl plank

For full product information and UL Design information on each product, please reference:

- Elevation® S60 Waterproofing Membrane Document EBES 1025
- Treadstone® Elite Duo Document EBES 1029
- Treadstone® M2 Document EBES 1014