THE ORIGINAL SOUND CONTROL MAT FOR MULTIFAMILY CONSTRUCTION

Setting the industry standard for over 20 years, Acousti-Mat® 1/4 is the trusted solution to "noise" complaints, even with ceramic and wood floors. Its core of fused entangled filaments, attached to a water-resistant, non-woven fabric, creates a void area between the subfloor and a high-strength Maxxon® Underlayment. The low 1/4" profile of Acousti-Mat 1/4 allows a thinner floating floor composite and is a cost-effective choice for both new floors and retrofit where floor height is a concern. It increases ILI levels up to 10 points over wood frame, and up to 20 points over concrete. When installed with a Maxxon® Underlayment, it also increases the STC rating 6-15 points over a bare wood frame system. Acousti-Mat 1/4 is GREENGUARD and GREENGUARD Gold Certified.
SOUND DESCRIPTION

**Entangled polymeric filament mat**

**SOUND TEST INFORMATION:** International Building Code (IBC) requires a minimum 50 STC/40 ISC/F4C/F4A in multistory construction. Because an STC/ISC of 50 provides only marginal sound control, the International Code Council (ICC), author of the IBC, now recommends that an “acceptable” level of performance for both STC and ISC is 55 (52 if field tested). The “preferred” level of performance for STC and ISC is 60 (57 if field tested). Maxxon Underlayments and Acousti-Mat are but single components of an effective sound control system. No sound control system is better than its weakest component. Care must be taken in the selection and installation of all components of construction to ensure the ultimate designed acoustical performance. All acoustical testing was done by Architectural Testing, Testmark Laboratories, Intertek, Inc., Intertek Testing Services, W&J Laboratories, American Testing, MCE Testing Services, and D.L. Adams Associates. ASTM C 496-91, ASTM C 1255-84 (F), ASCE 1990, R. V. Thompson, “Building Construction and Acoustics.”

**WARRANTY:** See our website for complete warranty information.

**FIRE/RATING INFORMATION**

Different fire and sound codes determine the appropriate products for various applications. Contact your Regional Representative for the complete UL test report and fire and sound ratings for specific assembly types.

**ACOUSTI-MAT INSTALLATION**

1. **Sound mat is loose laid over the entire concrete or wood subfloor**.

2. **Seams between sections of sound mat are adhered with zip-strips or taped**.

3. **Isolation strips are installed, then taped, around the perimeter of the entire room to eliminate flanking paths. Isolation strips are also installed, then taped, around any vertical surfaces through the floor**.

4. **Sound mat is topped with an approved Maxxon Underlayment, at a depth specific to the application. To ensure uniform depth and a smooth finish, installers use a screed to finish the underlayment surface.**

5. **In as little as two hours after the underlayment has been poured, the floor is hard enough to accommodate foot traffic, so light subtrades may continue working. Total drying time varies depending on the type of finish floor goods to be installed, but is generally completed within 7 to 10 days.**

**LEED® INFORMATION**

For information regarding how Acousti-Mat 1/4 may contribute toward points for LEED project contributions, contact your Regional Representative at (800) 356-7887 or visit www.maxxon.com/go_green.