



FELLERT ACOUSTICAL PLASTER

As an environmentally friendly alternative to conventional ceiling installations, the Fellert Acoustical Plaster system takes your project to new heights, combining the presentation of a seamless finished surface with sound performance at both the low- and high-frequency spectrums for increased acoustical control within a space.

PEAK PRESENTATION

The finished appearance of the Fellert Acoustical Plaster system is limited only by your imagination. Whether you are interested in the subtle appearance of a lightly troweled surface or the sublime look of smooth finished plaster, Fellert can provide you with a variety of finishes and colors to suit your application.

The Fellert Acoustical Plaster system is flexible enough to create large areas of uncluttered ceilings. The elastomeric nature of the product helps to compensate for the movement of the building.

The Fellert Acoustical Plaster system can be applied directly to drywall – for improved acoustical absorption on hard-to-treat architectural surfaces – or to a fiberglass core for enhanced acoustical performance. Regardless of the application method, architects and designers have the freedom to design walls and ceilings with dramatic curves, angles, and other geometric shapes. Fellert Acoustical Plaster will follow the flow of the substructure in ways not possible with traditional ceiling installations.

The use of Fellert Acoustical Plaster is not restricted to ceiling installations. It also has shown itself to be especially effective when installed 10 feet above standing floor level on the back walls of theaters and auditoriums.

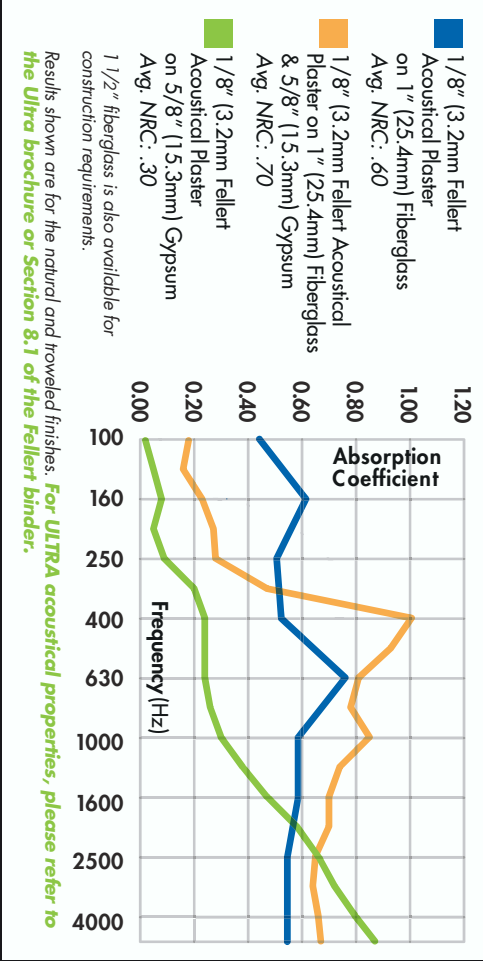


PEAK PERFORMANCE

In many of our existing spaces, sound reverberates off hard surfaces – be it an office, theater, or other enclosed space – thereby diminishing the general enjoyment or compromising the work environment of the space. Fellert Acoustical Plaster affords architects and designers a softer, gentler approach to those areas, creating inviting spaces with proven superior acoustical performance. The Fellert Acoustical Plaster can be applied to either ceilings or walls so that freedom of design can be retained with optimum acoustical control.

To demonstrate the effectiveness of Fellert Acoustical Plaster, acoustical testing was performed by certified laboratories in the United States, in accordance with American Society for Testing and Materials (ASTM) Sound Absorption Test ASTM C423.

All ASTM C423 sound testing for the Fellert system has been conducted with test samples that contain all the main components of the system. In a Mounting Type A test for example, the Fellert acoustical plaster was sprayed to the 1" Fellert sound absorbing board which was adhered to the .5" GWB substrate by the Fellert Adhesive, thereby simulating an accurate representation of an actual installed Fellert system.



Results shown are for the natural and troweled finishes. For **ULTRA** acoustical properties, please refer to the **Ultra Brochure** or **Section 8.1 of the Fellert binder**.

Aside from the acoustical performance and sound absorption, there are a number of factors which contribute to the appeal of the Fellert Acoustical Plaster system, including:

Fire Performance Qualities Fellert Acoustical Plaster has been tested in accordance with ASTM Test Method E-84 by certified testing facilities in the United States. Results have shown the product has Flame Spread and Smoke Development factors of less than five, respectively. Testing results are shown to the right.



Ease of Maintenance The ease of maintenance also separates Fellert from the competition. The plaster is anti-static – dust particles are not attracted to the surface, which reduces the need for extensive cleaning. Additionally, the entire wall or ceiling can be recoated with a new surface or color with little impact on the structure’s acoustical performance.

Repairability The unique cotton fiber composition of the Fellert Acoustical Plaster allows the applicator more time to work with the product. Unlike traditional plaster coatings, Fellert Acoustical Plaster allows for easier repairs of the surface.

Environmentally Sensitive Fellert Acoustical Plaster is designed as a friendly alternative to traditional suspended ceilings and wall installations, using materials that provide a positive impact on the environment. During its production, Fellert uses no ingredients that could cause harm to individuals or the environment. The goal of the company always has been to create a highly adaptable product that delivers superior form and function while eliminating environmental impact.

- Implied zero VOC in accordance with ASTM D-3960 “Determination of Volatile Organic Compound (VOC) Content in Paints and Related Coatings”
- The VOC was calculated using the equations referenced in ASTM D 3960, “Determination of Volatile Organic Compound (VOC) Content of Paints and Related Coatings”. The VOC of the material was determined in accordance with procedures outlined in EPA Method 24, “Determination of Volatile Matter, Water Content, Density, Volume Solids and Weight Solids of Surface Coatings”.
- The Fellert system meets the Indoor Air Quality emission requirements of California’s Section 01350 as per the CA/DHS/EHLB/R-174 “Standard Practice for the Test of Volatile Organic Emission from Various Sources Using Small-Scale Environmental Chambers”



A quality finished product begins with quality installation. Fellert requires all installers to attend and complete classroom and hands-on training under the supervision of factory representatives, whereby they familiarize themselves with the product and learn installation details.

