



### Project Details

**Name:** Barstow High School  
**Location:** Barstow, CA

### Product Details

**Product:** SonaSpray "fc"  
**Color:** Arctic White

### Architect Details

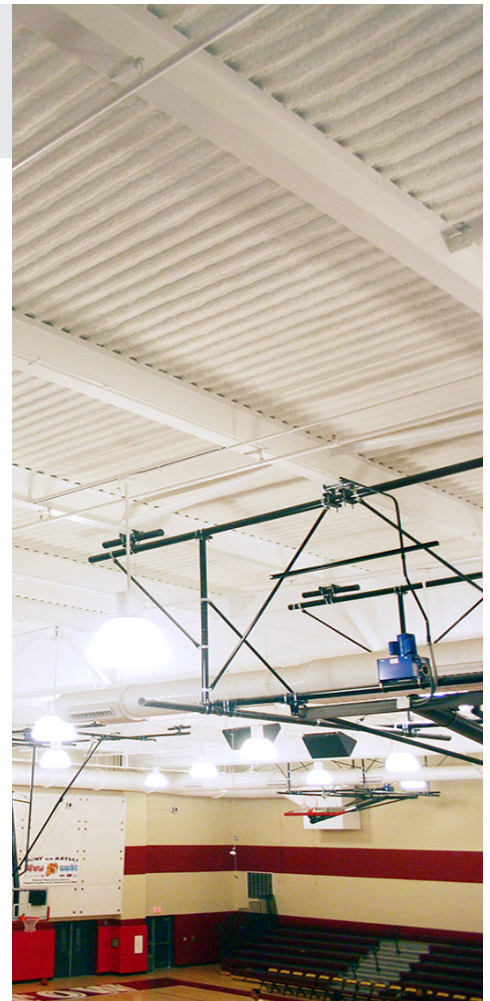
**Name:** HMC Group  
**Location:** Ontario, CA



During the initial design of the Barstow High School Gymnasium, HMC Group Architects chose SonaSpray "fc" for the acoustical finish. HMC Group Architects needed a product that would eliminate excessive noise and be durable enough for use in the school gymnasium.

SonaSpray "fc" met all of their needs. SonaSpray "fc" was spray-applied at 1" on the underside of the roof deck. The acoustical performance of SonaSpray "fc" when applied at 1" is unequalled for an exposed product. An NRC rating of .90 was achieved in the gymnasium, helping the students and school faculty enjoy their use of the facility.

The durability of SonaSpray "fc" was very appealing to the architects. The patented adhesive used during the application process, provides a strong, durable and resilient bond. SonaSpray "fc" will resist impact and without cracking or falling, typical of most plaster based materials.



# ACOUSTIC SOLUTIONS

## FOR SIMILAR SONASPRAY PROJECTS



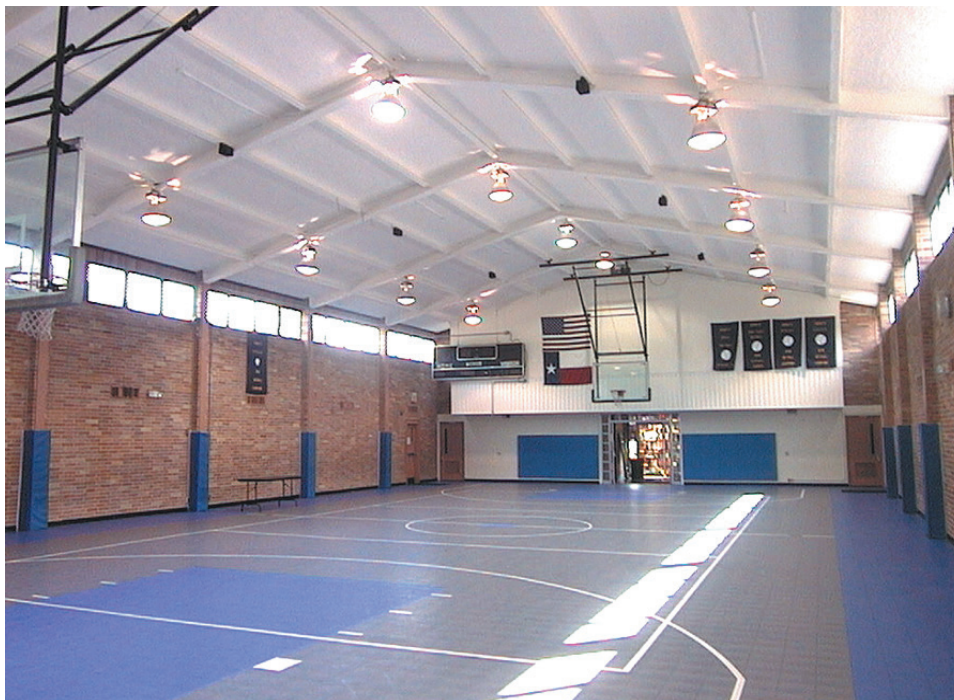
**VILLANOVA UNIVERSITY PAVILION**  
Villanova, PA



**DYNAMO VOLLEYBALL CENTER**  
Filevsky Park, Moscow



**TIMMONS ARENA**  
Greenville, SC



### ST. AMBROSE ACADEMY

Houston, TX

St. Ambrose Academy and Eisenhower High School were both faced with an acoustic problem. Sounds in the gyms were reverberating off the walls, floor and ceiling, making them sound like an echo chamber. The gyms were primarily used for physical education and sports tournaments. During class time students had a hard time understanding the teacher's lessons and instructions, which led to attention problems. Also, many students and teachers complained about headaches from loud noise. SonaSpray "fc" was the perfect solution because of its acoustic capabilities.

### Acoustic Performance

SonaSpray is applied in thicknesses from .5" up to 1" to provide the desired level of acoustical absorption. At 1", SonaSpray provides a NRC of .85.

### Light Reflectance

SonaSpray White, and SonaSpray Arctic White provide high light reflectivity, and can be used to maximize day lighting and reduce the need for excessive lighting.

### Application

SonaSpray is spray-applied, between .5" and 1". It is engineered for application to common substrates and can adhere to complex or irregular surfaces.

### Colorful Options

SonaSpray "fc" is available in standard colors, and can be manufactured in custom, integral colors for unlimited design options.



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