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## ....SOLVING YOUR THERMAL AND ACOUSTIC NEEDS

### *Colors, Angles, and Textures*



Princeton Day School recently decided to rebuild their cafeteria and ballroom into a state of the art facility that would blend old and new construction together. The Contrasting colors, angles, and textures would bring out the beauty of this room. Having such an open high ceiling created concerns in regard to acoustic levels along with how to address the chipped and cracked concrete plank ceiling.

**Retrotherm** was asked to apply the SonaSpray material, which was specified at 3/4 inches thick to reduce the noise levels by 90% within this space. Also, this application would not require any ceiling preparation or patching of the existing construction that was in somewhat rough shape.

Made up of high quality non-toxic recycled cellulose fibers blended with a permanent and durable vinyl adhesive, SonaSpray will reduce noise levels by as much as 90% in all types of construction while maintaining the attractive design intended. When color matched to the surrounding environment, SonaSpray can be made virtually unnoticeable. K-13 products are a more cost effective and less obtrusive method to resolving special acoustic needs than other acoustic products. K-13 provides a Class 1 fire rating and meets or exceeds all local code requirements. **Retrotherm** provides a 10-year warranty on this product.

The bright yellow steel work brings out the turn of the century construction, while the angled walls, pillars, and ornamental steel blend modern architecture seamlessly. The SonaSpray treatment provides a bright white background for these shapes and colors while performing a vital roll in the functionality of this space.

Project:

Princeton Day School  
Elm St. Princeton, NJ

Description:

8,000 square foot  
Cafeteria/Ballroom

Contact:

Ron Hall- Project Director  
W.S. Cumby & Son, Inc.

Phone:

(610)328-5129

*Retrotherm is proud of the outcome of this project and we are grateful for being a part of the construction team. These are the types of projects that allow Retrotherm's expertise in the sprayed acoustic field to really shine.*



*If you would like more information about how this product can help you in designing your next project, or any of the other acoustic or thermal treatments in our newsletters, please contact us at (800) 905-3730 or visit us on the web at [www.Retrotherm.com](http://www.Retrotherm.com). Retrotherm has successfully completed over 10 million square feet of K-13 systems and is considered one of the leading K-13 contracting firms in the Northeast.*

***Call us, we can help.***