



COMMERCIAL  
BUILDING &  
RETROFIT, INC.  
™

# Bright Ideas

ROD Suspension  
Insulation System  
R -19

*ROD Suspension System pays for itself from energy savings!*



Commercial Building & Retrofit, Inc. manufactures and installs energy saving insulation systems for all types of buildings including bar joist. Compton Printing Inc. insulated this 15,000 sq.ft. facility and turned it into an energy efficient building reducing the heating bill by 60%.

The insulation system installs quickly, and in most cases, without business interruption. Our experienced teams of employees install the stainless steel clips and galvanized white powder coated tubes first. Next the fiberglass faced with a reinforced white propylene/ scrim/foil facing is pulled over the top and can be backfilled with additional unfaced fiberglass with thermal values to R-45. Finally the seams are pulled together, folded over twice, and stapled creating a finished seam.

In this building we installed R-19, 3" fiberglass faced with CBR-PSF and 3" unfaced fiberglass backfill.

**Results:**

Insulation System reduced heating bills by 60%.

Noise levels from printing equipment were reduced by 50%

Employees say: "The building is much brighter. Heating the shop up in the morning takes about 10 minutes. Previously the heaters cycled about every 15 minutes but now every 40 minutes.

1/6th of the area to heat was eliminated because the insulation is installed on the bottom side of the bar joist.



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