



Precise & Snug Insulation

PROJECT

NASA Lewis Research Center
2100 Brookpark Rd.
Cleveland, OH 44135

SPECIFICATIONS

Beth A. Cooper, P.E., INCE Bd. Cert.
Acoustical Engineer
Manager, Noise Problems

DETAILS

K-13° White
29,000 Square Feet
2" Thickness

Day after day, year after year factory workers report to work knowing that they are going to be subjected to another eight hours of noise. Since hearing loss is gradual, many do not even realize how much their hearing has been affected by the noise in the workplace. Noise doesn't just hurt your hearing, too much noise can make you feel tired, nervous or even irritable. It can even raise your blood pressure which can lead to heart disease.

NASA Lewis Research takes noise abatement very seriously. Of all the options available, they chose ICC's K-13 spray-applied thermal/acoustic insulation to remedy the reverberant noise problems in their metal fabrication shop. The entire installation was accomplished during the evening hours in only two weeks, creating no interruption to the building's normal activities. The real advantage, said Beth Cooper, was that "the acoustic finish did not intrude into the work

space or interfere with the operation of the overhead crane." Everyone immediately noticed how much more intelligible the PA system was after the K-13 installation.

K-13 reduces reverberation and noise levels. The result is a more comfortable working environment providing greater utilization of the building. Overall noise level reductions of over 8-15 dB have been obtained in many different industrial applications. This high acoustical absorption assists in meeting OSHA noise level requirements.

The high thermal conductivity of metal surfaces transmits heat freely making heating and cooling costs astronomical. K-13 provides a uniform insulation coating, significantly reducing heat loss/gain. Other types of insulations leave voids and compressions, greatly reducing their performance.

Superior acoustic control and thermal qualities, the ability to conform to any sub-

strate configuration and an attractive, uniform texture made K-13 the best ceiling finish for the NASA Lewis Research Center. For new construction or renovation projects, International Cellulose Corporation's family of products offer the ideal ceiling treatment for any thermal or acoustic insulation need. Contact Precise & Snug Insulation today at **866/623-9266** for complete details on how ICC products can quiet noisy industrial facilities.

