



# MARKETING BULLETIN

## Tectum™ Roof Deck vs. Acoustical Steel Deck

Rev. April 2006

TECTUM Inc. • P.O. Box 3002 • Newark, OH 43058 • www.tectum.com • 1-888-977-9691

Does acoustical (perforated) steel deck provide honest NRC values? Answer: No.

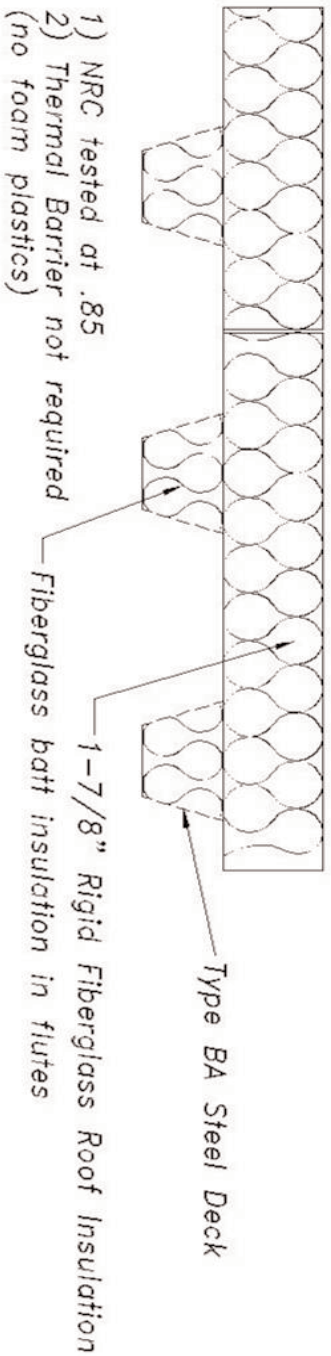
Can there be a model code violation involved with typical specifications of acoustical (perforated) steel deck? Answer: Yes.

A detail drawing is shown on reverse side which describes these problems.

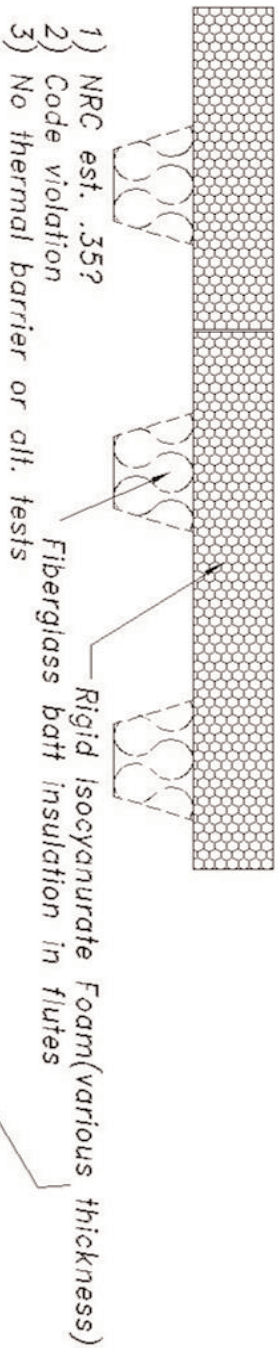
- I. Shows acoustical steel deck which does meet codes and does provide published NRC's. The problem is rigid fiberglass roof insulation, 1 7/8" thick or greater, is not specified in today's architectural community.
- II. Typical specifications substitute isocyanurate insulations because of cost/R. Foam plastic insulation (Iso) without a thermal barrier is a violation of all model codes and a fire hazard. NRC values are also compromised.
- III. To comply with code, a thermal barrier (such as 1/2" gypsum board) is placed between the acoustical steel deck and the Iso. Resulting NRC's are again severely compromised and the cost of the system increases.

Tectum Roof Decks provide honest NRC's and meet all model code requirements.

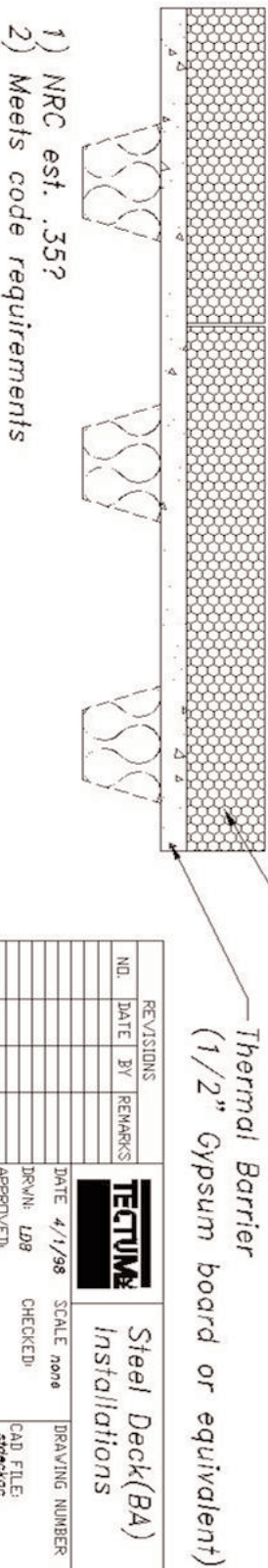
### I. ACOUSTICAL STEEL DECK AS TESTED



### II. ACOUSTICAL STEEL DECK TYPICAL INSTALLATION



### III. ACOUSTICAL STEEL DECK CODE COMPLIANT



REVISIONS		DATE	BY	REMARKS
NO.	DATE			

DATE: 4/1/98  
 DRAWN: LDB  
 APPROVED: [Signature]

SCALE: none  
 CHECKED: [Signature]

DRAWING NUMBER: [Blank]  
 CAD FILE: steeckac

**TECTUM**  
 Steel Deck(BA)  
 Installations