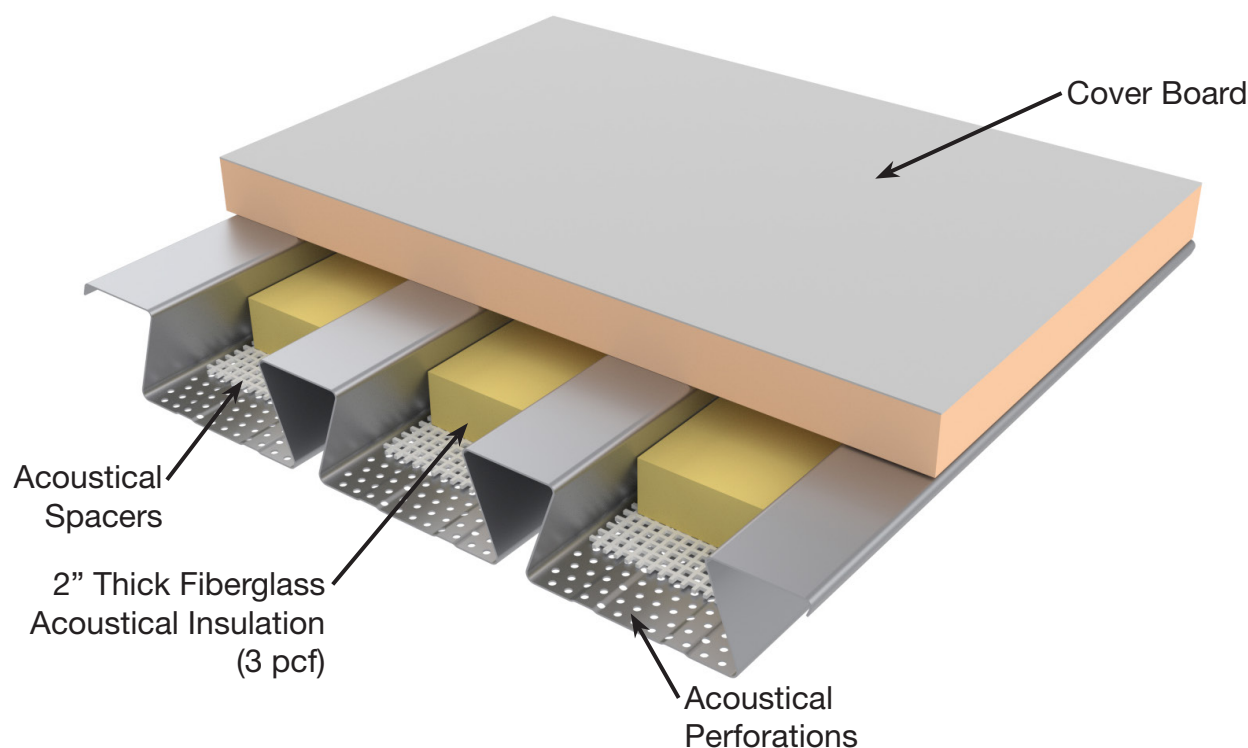


# NEXT GENERATION 3.5" ACOUSTICAL DOVETAIL ROOF DECK ACOUSTICAL SOLUTIONS

## REDUCE INTERIOR NOISE WITH THE SOUND ABSORPTION CAPABILITIES OF 3.5DS-30 AC OR 3.5DF-30 AC ACOUSTICAL ROOF DECK

### 3.5" DEEP DOVETAIL ACOUSTICAL DECK

- FM Approved<sup>1</sup>
- IAPMO UES ER-423



### Noise Reduction Coefficients

| Cover Board   | Deck Insulation | Absorption Coefficients |        |        |         |         |         | SSA  | NRC  | RAL Test No.            |
|---------------|-----------------|-------------------------|--------|--------|---------|---------|---------|------|------|-------------------------|
|               |                 | 125 Hz                  | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |      |      |                         |
| 2" Poly-Iso   | Plain           | 0.33                    | 0.72   | 1.08   | 0.97    | 0.92    | 0.76    | 0.93 | 0.90 | <a href="#">A25-214</a> |
|               | Encapsulated    | 0.40                    | 0.80   | 1.04   | 0.86    | 0.74    | 0.55    | 0.87 | 0.85 | <a href="#">A25-211</a> |
| 2" Fiberglass | Plain           | 0.77                    | 1.11   | 1.08   | 0.96    | 0.90    | 0.73    | 1.04 | 1.00 | <a href="#">A25-215</a> |
|               | Encapsulated    | 0.78                    | 1.02   | 0.99   | 0.90    | 0.75    | 0.64    | 0.93 | 0.90 | <a href="#">A25-210</a> |
| ½" Roof Board | Plain           | 0.26                    | 0.69   | 1.07   | 0.97    | 0.92    | 0.75    | 0.92 | 0.90 | <a href="#">A25-213</a> |
|               | Encapsulated    | 0.42                    | 0.79   | 1.00   | 0.84    | 0.73    | 0.57    | 0.85 | 0.85 | <a href="#">A25-212</a> |

#### Notes:

1. See Factory Mutual Approval Report for complete assembly details.
2. The acoustical test reports with complete assembly details are available from [www.vulcraft.com](http://www.vulcraft.com).

NOTICE: Design defects that could cause injury or death may result from relying on the information in this document without independent verification by a qualified professional. The information in this document is provided "AS IS". Nucor Corporation and its affiliates expressly disclaim: (i) any and all representations, warranties and conditions and (ii) all liability arising out of or related to this document and the information in it.