



CONTRACTOR NOTICE

DATE: January 15, 2025

TO: All interested parties

FROM: David Pendley, CBO, AICP
Building Official, City of Euless

RE: Re-Roofing and Deck Requirements

The 2021 International Residential Code (IRC) adopted by the City of Euless requires roof structural panel sheathing (OSB and plywood) to meet Table R503.2.1.1(1) and typically requires a minimum of 7/16 inch thick sheathing. Table R803.1 is used for solid lumber sheathing (such as 1 X 8's) and requires a minimum of 5/8 inch decking where rafters are spaced 24 inches on center. Additionally, section R905 of the IRC requires asphalt shingles to be applied in accordance with the applicable provisions of the code AND the manufacturer's installation instructions (whichever is the most stringent).

Please note that the city does not require citizens to replace 3/8-inch plywood roof panels if they are still in good condition; and presumes that the panels met the code at the time they were originally installed. In fact, the IRC still allows appropriately rated 3/8-inch roofing panels on rafters spaced 24 inches on center. There are occasions, however, where the shingle manufacturer's installation instructions are more restrictive than the IRC minimums by mandating their shingles be installed on 7/16-inch or thicker roof panels in order to honor their product's warranty.

As an example, please see the Owens-Corning Technical Bulletin for roof decking requirements at [10022499-Roof-Deck-Requirements-for-Installation-of-Asphalt-Shingles-Technical-Bulletin.pdf](#).

The City of Euless does not arbitrarily require upgrades or replacement of roof decking if it is not damaged and remains a viable substrate for nailing shingles. For example, a typical overlay or similar job does not require replacement of a nonconforming decking material simply because of the overlay.

Please note that there are jobs where the decking is rotten, broken, has too many nail holes or other structural issues where it simply cannot be reused. In these cases, the decking must be code compliant or be replaced with decking meeting Table R503.2.1.1(1) of the 2021 International Residential Code or Table 2304.8(3) of the 2021 International Building Code (typically 7/16-inch decking).

David Pendley – Building Official