

OWENS CORNING ROOFING & ASPHALT LLC
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January 12, 2021

Re: Hail Damage Shingles

To Whom It May Concern:

This is in response to the information you requested regarding the effect of hail damage on Owens Corning shingles. If an Owens Corning roof has been exposed to a hail storm severe enough to cause granules to be dislodged from the surface of the shingles (in spots large enough so that exposed black asphalt is noticed), the performance of the roof has been compromised.

Heavy hail damage is obvious because of the indentations in the shingle. When the surface damage is not visible, an inspector will look for indentations on vents, ridge vents, siding, or any other softer metal objects that may show impact. The effects on the shingle may not be immediately apparent but will start to appear as the shingles age. At this time, circular areas of granules will fall off the shingle. This is called spalling. What has happened is that the impact of the hail stone has broken or weakened the bond between the granules and the asphalt. After a year or so of weathering, the granules fall off the shingle in the circular area of impact. With granules missing, the sunlight (UV) quickly attacks the asphalt and the maximum performance of the shingle has been compromised. The Owens Corning Limited Warranty on Roofing Shingles is void when shingles are damaged due to the evidence of hail storms under all conditions stated above.

Replacing only the shingles with currently visible damage is not an accepted repair method and will void the shingle warranty.

Shingles damaged by hail cannot be repaired by using a sealant on the missing areas and then adding granules to the shingle where the hail has knocked granules off.

Removing old shingles to replace damaged exhaust vents, soil pipe boots, edge metals or anything installed on or within the field of the shingles, without replacing the shingles, can cause damage to the roofing system and may result in further damage to the roof or framing.

Reusing removed shingles will result in a failure for the reused shingle to reseal.

If the repair is performed with new shingles, there will be a color difference due to the standard aging process.

Owens Corning's Warranty does not cover workmanship or application, only manufacturing defects in the shingles.

If you have any questions, please contact me at russell.l.ault@owenscorning.com.

Sincerely,

Russ Ault

Russ Ault

Sr Product Technical Specialist

Owens-Corning Roofing and Asphalt, LLC



TECHNICAL BULLETIN

ROOF DECK REQUIREMENTS FOR INSTALLATION OF ASPHALT SHINGLES

SUPERSEDES PREVIOUS BULLETINS

Issue Description:

Requirements for roof decks on which Owens Corning asphalt shingles will be installed, including limitations over spaced sheathing or deck boards.

Requirements:

Owens Corning® requires all asphalt shingles to be installed in the following manner:

- Solidly-sheathed roof decks:
 - Minimum 3/8-inch plywood sheathing, rated by The Engineered Wood Association (APA).¹
 - Minimum 7/16-inch Oriented Strand Board (OSB), rated by The Engineered Wood Association (APA).¹
 - Installed with minimum 1/8-inch and maximum 1/4-inch spacing at all panel edges and end joints. Sheathing thickness and installation must follow the sheathing manufacturer's and local building code requirements.
- Decks constructed with spaced deck boards:
 - Minimum 6 inch wide
 - Minimum 3/4-inch thick
 - Installed with maximum 1/4-inch spacing between boards
 - Holes or gaps greater than 1/4-inch must be repaired or boards replaced.

All roof deck surfaces, regardless of type, should be clean, dry, and free of debris, protrusions, dust and oil prior to the installation of underlayment or asphalt shingles. Owens Corning asphalt shingles should never be installed directly over insulation board of any type.

¹The Engineered Wood Association (APA) (formerly the American Plywood Association) (<http://www.apawood.org>)

**Please contact 419-248-6557 for additional information.
Email: gettech@owenscorning.com**

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BOLETÍN TÉCNICO

REQUISITOS DE LA CUBIERTA DEL TECHO PARA LA INSTALACIÓN DE TEJAS DE ASFALTO

SUSTITUYE A LOS BOLETINES ANTERIORES

Descripción del asunto:

Requisitos para cubiertas del techo en las que se instalarán tejas de asfalto de Owens Corning, incluidas las limitaciones con respecto al revestimiento con separación o los tableros para cubierta.

Requisitos:

Owens Corning® requiere que todas las tejas de asfalto se instalen de la siguiente manera:

- Cubiertas del techo con revestimiento sólido:
 - Revestimiento de madera contrachapada de 3/8 pulgadas como mínimo, con clasificación de la Engineered Wood Association (APA).¹
 - Tablero de partículas orientadas (Oriented Strand Board, OSB) de 7/16 pulgadas como mínimo, con clasificación de la Engineered Wood Association (APA).¹
 - Instaladas con una separación mínima de 1/8 de pulgada y máxima de 1/4 de pulgada en todos los bordes del panel y juntas de extremo.
El grosor y la instalación del revestimiento deben cumplir con los requisitos del fabricante del revestimiento y del código de construcción local.
- Cubiertas construidas con tableros de cubierta con separación:
 - 6 pulgadas de ancho, como mínimo
 - 3/4 de pulgada de grosor, como mínimo
 - Instaladas con una separación máxima de 1/4 de pulgada entre los tableros
 - Los orificios o huecos superiores a 1/4 de pulgada se deben reparar o se deben reemplazar los tableros.

Todas las superficies de la cubierta del techo, independientemente del tipo, deben estar limpias, secas y libres de residuos, protuberancias, polvo y aceite antes de instalar la base o las tejas de asfalto. Las tejas de asfalto de Owens Corning nunca se deben instalar directamente sobre un tablero de aislamiento de ningún tipo.

¹Engineered Wood Association (APA) (anteriormente American Plywood Association) (<http://www.apawood.org>)

**Para obtener más información, llame al teléfono 419-248-6557.
Correo electrónico: gettech@owenscorning.com**

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