



TECHNICAL BULLETIN

RE-ROOFING OVER AN EXISTING LAYER OF SELF-ADHERED ICE DAM PROTECTION

SUPERSEDES PREVIOUS BULLETINS

Issue Description:

It is increasingly common for roofing contractors to encounter an existing self-adhering ice dam protection underlayment at the eaves when reroofing. It can be very difficult to remove the self-adhered underlayment without causing damage to the roof sheathing. The following procedures can be used to deal with the existing ice dam protection and installation of new ice dam protection and roof covering materials.

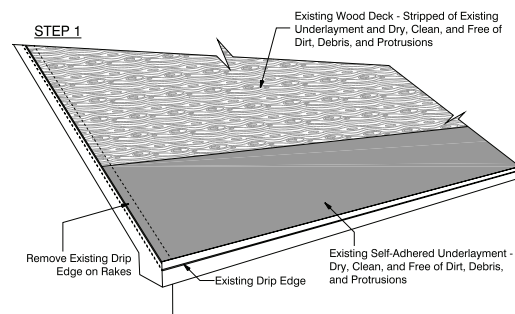
Recommendations:

Remove all existing roof covering materials and fasteners. Ensure that the roof deck is free from protruding nails, dust, debris, and moisture. Because the exposed surface of self-adhered underlayments varies so widely, Owens Corning does not recommend installation of a new self-adhering underlayment directly over an existing layer. Instead, we recommend the following:

- Option A: Remove existing layer of self-adhered underlayment, taking care not to damage the sheathing. Install a new layer of Owens Corning® WeatherLock® or Titanium® PSU 30 self-adhering underlayment as required by local codes.
- Option B: If the existing underlayment cannot be removed without damage to sheathing, remove and replace sheathing in all areas where self-adhered underlayment is installed, and install a new layer of Owens Corning® WeatherLock® or Titanium® PSU 30 self-adhering underlayment as required by local codes.
- Option C: If there is not more than one layer of existing underlayment that cannot be removed without damage to sheathing, install a new layer of Owens Corning® WeatherLock® or Titanium® PSU 30 self-adhering underlayment as outlined below.

- Notes: 1. Option C does not apply to Platinum Protection or Preferred Protection Limited Warranties which require the roofing system to be installed over a clean roof deck with all existing roofing material and debris removed including ice and water membrane.
2. Not all building materials are compatible with one another. Issues such as the softening, flowing and dripping of asphalt compounds may result from contact with incompatible materials which may result in staining to the fascia, gutters and building exterior. Owens Corning is not responsible for any damage caused by incompatibility with any roofing component that is not manufactured by us.

Step 1: Remove existing drip edge from rakes and assure that the existing layer of self-adhered underlayment is dry, clean, and free of protrusions.



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

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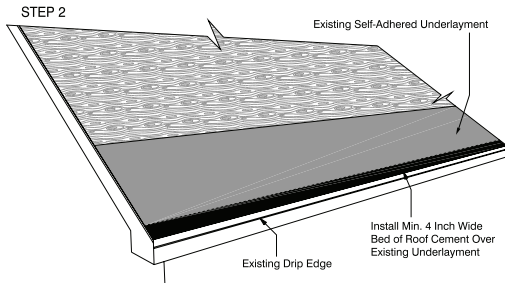
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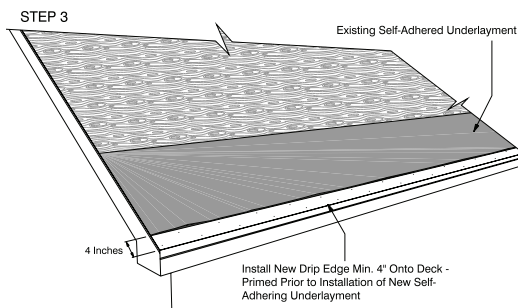
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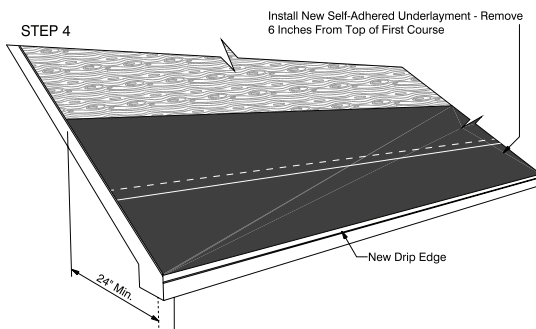
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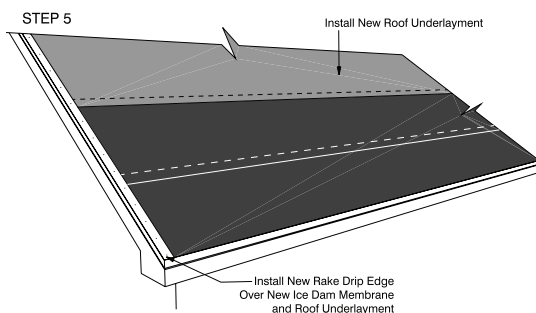
Step 2: Install a minimum 4-inch wide, 1/8" thick bed of roof cement that complies with ASTM D4586, Type 1 or Type 2 over the existing self-adhered underlayment.



Step 3: Install new drip edge minimum 4 inches onto eaves edge of deck and press firmly into bed of roof cement.



Step 4: Install a new layer of Owens Corning® WeatherLock® or Titanium® PSU 30 self-adhering underlayment over the new drip edge, pressing firmly to ensure good contact throughout the sheet.



Step 5: Install new drip edge on the rake after installation of the mechanically fastened underlayment on the remaining deck area.

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