

Repair Procedures for Carlisle WIP® Products

This Technical Bulletin provides guidance for best practices in making repairs to Carlisle WIP Products roofing underlayment damaged during construction. These recommendations are designed to be used as a general guideline for roofing underlayment repairs. Contact CCW Technical Services for project-specific repair procedures and include photos of the specific conditions to allow for the most comprehensive repairs. Technical Services can be reached at CCWTech@carlisleccm.com or 888-229-2199.

Carlisle WIP Products are self-adhering roofing underlayments which include WIP GRIP, WIP 100, WIP 100SG, WIP 250HT, WIP 300HT, and WIP 401LT.

Carlisle WIP Products can be repaired by following the repair procedures outlined below:

- Repair damage to underlayment by removing loose, unadhered underlayment and re-covering with a patch of WIP underlayment extending a minimum of 6 inches beyond the damaged area.
- Small “fish-mouths” and severe wrinkles should be slit, rolled flat with a hard rubber roller, and patched using a Carlisle WIP Products Approved Sealant. Reference Carlisle WIP Products Approved Sealant Chart.
- Large “fish-mouths” and large wrinkles should be slit, rolled flat with a hard rubber roller, and patched with a new strip of Carlisle WIP Products underlayment extending a minimum of 6 inches beyond the damaged area.
- Prior to installation of a Carlisle WIP Products underlayment patch or re-cover, ensure existing underlayment is clean of all dirt and debris. Install new underlayment, ensuring patch is rolled with a hard rubber roller.
 - In some cases, a CCW contact adhesive/primer may be required. Approved CCW contact adhesives/primers used with Carlisle WIP Products include CCW CAV-GRIP®, CCW 702, CCW 702LV, and CCW 702WB.
- Prepare existing underlayment and/or substrate with an approved CCW contact adhesive/primer when temperatures are below 40°F (4.44°C).
- Perimeter of underlayment patch should be sealed with a Carlisle WIP Approved Sealant, including but not limited to any reverse or non-shingle lapped underlayment. *Reference Carlisle WIP Products Approved Sealant Chart.*

- In applications where multiple sheets of underlayment are applied, all seams and end laps should be offset a minimum of 12 inches.

Repairs can be made to the Carlisle WIP Products polyolefin facer film by following the procedures outlined below:

- Cut off and remove any loose or unadhered polyolefin facer film from areas of adhered underlayment.
- Apply CCW contact adhesive/primer to exposed asphalt adhesive extending a minimum of 8 inches beyond the area of repair. Approved CCW contact adhesives/primers used with Carlisle WIP Products include CCW CAV-GRIP, CCW 702, CCW 702LV, and CCW 702WB.
- Install a Carlisle WIP Products patch extending a minimum of 6 inches beyond the area of repair, ensuring patch is rolled with a hard rubber roller to maximize adhesion.
- Perimeter of patch should be sealed with a WIP Approved Sealant, including but not limited to any reverse or non-shingle lapped underlayment.