



TECHNICAL BULLETIN

Last Revision: June 2017

Subject: Buckled Underlayment Prior to Shingle Installation.... Wet Shingle Underlayment

Underlayment is an essential component to a proper roof system. Shingle Underlayment primary purpose is to serve as a secondary water shedding protection in case of shingle damage or shingle blow-off. Shingle underlayment serves a number of benefits for your roof:

- It protects the roof deck from rain before the roofing is installed.
- It provides an extra weather barrier in case of blow-off or water penetration through the roofing or flashings.
- It protects the roofing from any resins that bleed out of the sheathing.
- It helps prevent unevenness in the roof sheathing from telegraphing through the shingles.
- It is required for the UL fire rating to apply (since shingles are usually tested with underlayment).

It's critically important to make sure the underlayment is **completely dry** prior to shingle installation. The shingle underlayment should be completely dry and should have a relatively flat and smooth surface before shingling. **DO NOT** shingle over wet underlayment. Moisture trapped in wet or damp underlayment may cause blistering, buckling or wrinkling of the shingles.

It's important to check with local building codes prior to installation. Shingle underlayment is required and specified under shingles in most building codes and in the International Residential Code (IRC).