

RIGHT START UDL COLD WEATHER INSTALLATION



Cold Weather Underlayment Installation Instructions

Malarkey Roofing Products Right Start UDL underlayment is manufactured using modified asphalt and a fiberglass mat. It is a versatile underlayment that can be used under asphalt shingles as well as several other types of roof covering.

Installation Instructions

Each Right Start UDL label includes installation instructions describing application procedures which produce a flat underlayment for your roof covering. They are written specifically for application environments where temperatures are 40°F / 5°C or higher.

However, Malarkey is aware that not all installations occur during optimal weather conditions. Colder temperatures require the use of provisional instructions specific to cold weather underlayment installation.

The following information has been expanded to cover colder weather installations of Right Start UDL (40°F / 5°C or below)

- Store materials in heated or protected areas whenever possible.
- Limit the amount of time underlayment rolls are stored on the roof.
- Do not lay the rolls on their sides. This prevents the rolls from becoming oblong and creating mole runs in the underlayment.
- Cut the underlayment into smaller lengths. This allows the membrane to be positioned and stretched easier by the installer.
- Allow the underlayment to completely relax before fastening. Kicking out a roll and mechanically attaching it in place immediately is not the proper method of installation and leads to buckles and mole runs that will telegraph through the finished roof covering.
- Use the 'base sheet shuffle' method to remove the slack in the sheet.
- Position underlayment and secure one end at the center closest to the rake or hip edge with a few plastic cap (recommended) nails.
- Slide or drag feet across the surface of the underlayment to eliminate all wrinkles and buckles. Secure using plastic cap (recommended) nails.

Why are these additional methods needed?

Right Start UDL has a fiberglass mat which may have dimensional memory. If the underlayment is not relaxed before it is fastened, it may return to its rolled shape. This can result in buckles or wrinkles in the underlayment that appear when the temperature eventually rises.

Malarkey recommends allowing Right Start UDL to warm up to the ambient air temperature when installing it in colder weather. This helps prevent wrinkles from forming once it is nailed in place.

Cut the underlayment in shorter lengths and spread them out to absorb heat from sunlight if it is not fully relaxed. Right Start UDL can start to wrinkle within 15 minutes to an hour depending on the weather conditions. Buckles and wrinkles are an indication that the underlayment was not allowed to relax before installation.

Proper Storage - Proper storage of Right Start UDL rolls is also important for optimal performance of the underlayment. Rolls may remain cold for hours in cooler weather, especially when stored outside overnight. It is often observed that by midday the underlayment roll cores are still cold. You will also notice that as you roll out the underlayment and place your hand on its surface it is cool to the touch.

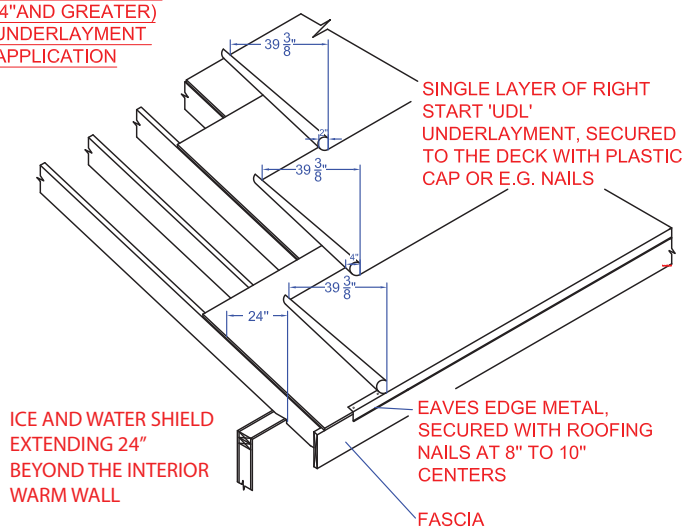
Installation over wet or frozen plywood or OSB can also lead to buckles and 'mole runs.' Buckles can form at the joints of plywood or OSB sheets due to the moisture migration from the wood. In some instances, by following these additional steps, the buckles may still appear. These will require the underlayment to be cut at the buckle and overlaid with an additional layer or in some cases, removed and repositioned.

Additionally, always install Right Start UDL in straight lines. Use the joints of the plywood as a gauge to maintain straight lines whenever possible. It is much easier to keep courses of shingles straight when the underlayment is straight.

Please contact the Malarkey Roofing Products technical department with

Standard Slope Underlayment Installation (4" slope and greater)

STANDARD SLOPE (4" AND GREATER) UNDERLAYMENT APPLICATION



Low Slope Underlayment Installation (2" - 4" slope)

LOWER SLOPE (2" - 4") UNDERLAYMENT APPLICATION

