

D226+ Roof Wrap Synthetic Shingle Roof Wrap

Installation and Specifications Data Sheet



Overview

D226+ Roof Wrap Synthetic shingle roofing underlayment is designed to meet the specific requirements of shingle roofing systems and is a primary component in the Branz Appraised (.529) GAF Shingle Roofing System.

Where required, D226+ Synthetic replaces ASTM: D-226 organic felts.

FEATURES

Lightweight — At 12.3 kg per 92sm roll D226+ Synthetic is not only light, it's strong with a tear strength over 20 times that of traditional felt.

Cost Effective — Save time and money as D226+ Synthetic will help to protect your project and save valuable time during installation.

Versatility — D226+ Synthetic can be used with most high quality roofing products from slate tile to asphalt shingles and with an operating range from below freezing to 104 degrees Celsius D226+ Synthetic can even be used under most metal roofing systems.

Durability — D226+ Synthetic is 100% synthetic making it extremely durable in the harshest weather conditions, and with proper installation D226+ Synthetic can protect your project for up to 60 days before roofing is complete.

Preparation:

The roof deck surface must be dry and free of dust, dirt, loose nails, debris and other protrusions. Damaged sheathing must be replaced.

Installation:

D226+ Synthetic must be installed on a well ventilated roof. D226+ Synthetic is laid horizontally parallel to the eave of the roof with the printed side up. Overlaps run with the natural flow of water in a shingling manner with a minimum 100mm horizontal lap and a minimum 300mm vertical lap. Use straight blade utility knife or scissors to cut.

ABOVE 12° ROOF PITCH Install under shingles and directly onto the plywood substrate minimum 100mm laps. Use 1 layer of D226+ underlay.

BELOW 12° ROOF PITCH Install under shingles and directly onto the plywood substrate. **Use 2 layers** on roof pitches between 9° to 12° **with a 50% lap offset.**

Fastening:

D226+ Synthetic is attached to the roof deck with a corrosion-resistant 8mm steel staple installed with a hammer tacker*. Additionally, metal or plastic cap fasteners with corrosion resistant staples (15mm minimum) may be used. Place fasteners a minimum of 100-300mm apart depending upon requirements or as needed to securely hold all seams in place to resist weather or damage during installation.

* D226+ Synthetic may be fastened with hammer tacker staples for a limited exposure time. For extended exposure it is recommended to use metal or plastic cap nails or similar fixing to achieve maximum durability during extended exposure periods (weather dependant).

Safety:

Use caution when walking or standing on underlay, Coefficient of friction may change with wet, dusty or icy conditions. Observe safety manual and best practice guidelines. Installers should be trained and use the proper safety equipment along with the correct fall arrest protection. Improper installation of the underlay may cause the underlay to come away from the roof. Always install the appropriate amount of fixings to resist weather conditions.

Waste:

All non-hazardous waste should be disposed of in an appropriate manner.

Product Specifications:

- **Roll size:** 1.06 x 87m
- **Roll weight:** 12.3kg
- **Exposure:** 60 Days
- **Roll area:** 92sm
- **Coverage:** 88sm per roll or less depending on overlap.
- **Weight per pallet:** 52 rolls approximately 640kg
- **Use:** Under composition high quality asphalt shingles, tile, or metal roofs.
- Meets or exceeds the physical requirements of ASTM: D-226 for organic felt designed for Shingle roofing Application.
- ICC-ES AC207
- Primary component in BRANZ Appraisal .529, GAF Shingle Roofing System for New Zealand.



Contact:

For technical support please contact:
Roofing Logistics NZ LTD
www.gafroofing.co.nz
0800 GAFELK
0800 243355