

FABRENE UDL™

1. Description

- **FABRENE UDL™** is manufactured by **Fabrene Inc.** a **PGI company**.
- **FABRENE UDL™** underlayment, when installed correctly serves as an integral part in the roofing assembly.
- The product a polyolefin-based, non-woven membrane with both sides coated grey in colour comes in rolls 1525 mm's (60") wide and in lengths of 200ft.
- **FABRENE UDL™** has a limited slip surface designed into the product as a safety feature.
- **FABRENE UDL™** is climate and weather resistant, and 9 times lighter than 30# felt.
- **FABRENE UDL™** has 40% greater nail pullout than 30# felt and has a skid resistant surface.

2. Usage and Limitations

FABRENE UDL™ material has a low moisture transmission, is non-porous and must be:

- Installed with the printed side facing up.
- Protected from exposure to ultraviolet radiation from the sun within 60 days of installation. (**FABRENE UDL™** does contain some limited UV protection but should be protected against long term exposure).
- Installed according to PGI Fabrene Inc. instructions for **FABRENE UDL™** for residential applications (installation details are detailed in paragraph 4) and in accordance with the National Building Code section 9.26 Roofing for Housing and Small Buildings.
- Installed as detailed in CAN/CSA-A220.1M91 Section 6. Underlayment System for Concrete Roofing Tile.
-

Note: **FABRENE UDL™** is for use as a roofing underlayment only.

FABRENE UDL™

3. Performance

FABRENE UDL™ was tested at an independent laboratory and is summarised in the following chart. This product meets all requirements for International Code Council, Underwriters Laboratories and Miami-Dade.

PROPERTY	STANDARD	VALUE
LOW TEMPERATURE BEND	ICC AC188	PASS
PLIABILITY	ASTM D226	PASS
ACCELERATED AGING TENSILE	ASTM D1970	PASS
LIQUID WATER TRANSMISSION	ASTM D4869	PASS
DIMENSIONAL STABILITY	TAS104	PASS
TEAR RESISTANCE	D1938	PASS
BREAKING STRENGTH	D2523	PASS
ELONGATION AT NREAK	D2523	PASS
WATER ABSORBTION	D570	PASS
LOW TEMPERATURE FLEXABILTY	D1970	PASS
PUNCTRUE RESISTANCE	TAS104	PASS
TILE SLIPPAGE RESISTANCE	TAS104	PASS
INTERMITTENT FLAME	CLASS A	PASS
BURNING BRAND	CLASS A	PASS

FABRENE UDL™

4. Preparation and Installation details for FABRENE UDL:

1. The roof decking firstly should be swept clean before any of the underlayment material installation takes place.
2. The surface must be smooth with all sharp edges or protrusions repaired/removed, i.e. nails & staples.
3. A dry surface is best for the installation both for performance and safety.
4. **FABRENE UDL™** is installed with the printed side facing up and parallel to the eaves of the structure.
5. Any head laps should be a minimum of 102 mm's or 4 inches and end laps a minimum of 152 mm's or 6 inches.
6. In each valley and hip, lay a single layer of **FABRENE UDL™** vertically for added protection.
7. All abutments should have **FABRENE UDL™** overlapped by 12 inches (305 mm's) and later trimmed to suit.
8. **FABRENE UDL™** does contain some UV stabilisation properties but is not intended for prolonged exposure to high UV sunlight.
9. The tile or shingle covering should be installed within 60 days of the underlay installment.
10. **FABRENE UDL™** is typically attached to the roof with roofing nails having 1.0" diameter plastic caps spaced at 6.0" on centre and 1.0" from the edge with a repeat every 24". Please refer to the sketch titled **FABRENE UDL™ Nailing Pattern**.
11. Roofing nails without plastic caps can be used to fasten **FABRENE UDL™** but are recommended for areas of low wind velocity only.
12. Pneumatic staple guns are not recommended for use with **FABRENE UDL™**.
13. Although **FABRENE UDL™** has a limited slip surface designed into the product as a safety feature, always use standard construction practices and follow established safety rules that may apply locally for overhead and roof work.

FABRENE UDL™

5. FABRENE UDL™ components and features:

- **FABRENE UDL™** material, when installed correctly serves as an integral part in the roofing assembly.
- The product is 0.47 mm thick and comes in rolls 1525 mm's (60") wide and in lengths of 200 ft.
- **FABRENE UDL™** has a limited slip surface designed into the product as a safety feature.
- **FABRENE UDL™** is climate and weather resistant, will not crack in low temperatures and is 9 times lighter than 30# felt.
- **FABRENE UDL™** has 40% greater nail pullout than 30# felt and has a limited slip resistant surface.

5. FABRENE UDL™ Nailing Pattern:

Note: Drawing is not to scale and is intended for information purposes only.

