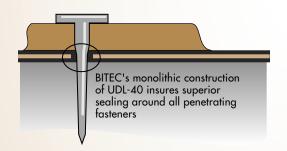# BITEC
BITUMEN TECHNOLOGY TM

UDL-40
UNDERLAYMENT
For Shingle & Tile Roofs

A High Quality, Modified Bitumen Underlayment Designed for Superior Waterproofing Protection Under Shingle and Tile Roofing Applications
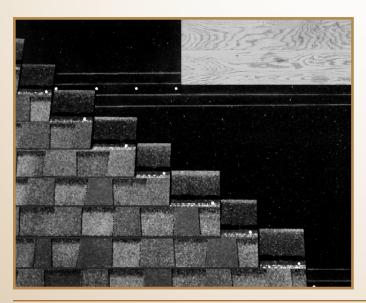
For Slopes Equal to or Above 3" in 12"

BITEC UDL-40 premium underlayment is a monolithic membrane, reinforced with a high-strength fiberglass mat.

BITEC's monolithic construction of UDL-40 insures superior sealing around all penetrating fasteners
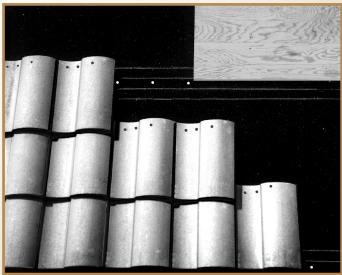
The polymer-bitumen compound offers a flexible and pliable product which will lay down flat during application, making it easy to install.
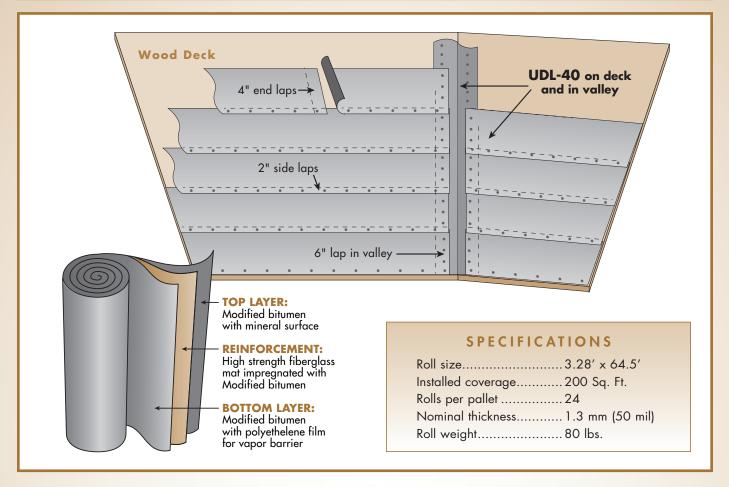
UDL-40 has greater tear resistance as compared to conventional organic felt based underlayments and oxidized fiber-glass products.

The top layer is mineral surfaced for extra toughness, and the bottom layer has polyethylene film as a vapor retarder.

Application for Shingle or Tile Roofs

Wood Deck

4" end laps →

UDL-40 on deck and in valley

2" side laps

6" lap in valley →

TOP LAYER:
Modified bitumen
with mineral surface

REINFORCEMENT:
High strength fiberglass
mat impregnated with
Modified bitumen

BOTTOM LAYER:
Modified bitumen
with polyethelene film
for vapor barrier

SPECIFICATIONS

Roll size.........................3.28' x 64.5'
Installed coverage............200 Sq. Ft.
Rolls per pallet 24
Nominal thickness............1.3 mm (50 mil)
Roll weight......................80 lbs.

Apply only over surfaces which are dry, clean, smooth and suitably prepared.

Starting at the low point of the roof: Unroll UDL-40 perpendicular with the roof slope (horizontally) with the polyethylene film side down. Successive courses should have a min. 2" side lap and min. 4" end lap. Secure with corrosion resistant ring or annular shank nails through 1" tin and/or plastic disks, or as recommended by the shingle or tile manufacturer. Face nail 2" side laps 12" on center, and 4" end laps 6" on center.

For valley application, use one ply of UDL-40, securing perimeter 24" on center. Cover and detail in accordance with local code or manufacturer's specifications.

Follow the selected tile and shingle manufacturer's specifications for detailing perimeters, eaves and all penetrations.

WARNING: UDL-40 contains a polyethylene film surface as an incorporated vapor retarder. UDL-40 is to be installed only by nailing. Do not install or seal by heat welding with a propane torch or other heat welding device.

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