

# VersiPly® 40 Base Sheet



## OVERVIEW & FEATURES

VersiPly 40 is a high strength, puncture and fatigue resistant base sheet that consists of two laminated layers of fiberglass reinforcement scrim coated by a high penetration index SBS modified asphalt mixture. VersiPly 40 is designed for use as the base and interply layers in Garland's multi-ply modified roof system or hybrid modified system. VersiPly 40 can also be used as a nailable base sheet over approved substrates, as a base flashing for hot and cold-applied roof systems or as a base and interply in Garland's cold-applied Weatherking systems.

**Multi-Ply Security** - VersiPly 40 is designed for use as the base and interply component of a multi-ply roof system and combines the inherent advantages and proven performance of multi-ply protection with the strength, flexibility and elongation of elastomeric systems.

**Superior Strength** - The VersiPly 40 base sheet is reinforced with two layers of fiberglass. The superior strength provided by the fiberglass scrim resists the movement created by today's modern buildings. In addition, the fiberglass scrim in VersiPly 40 provides tensile strength in excess of 200 pounds per inch in the machine and cross machine direction. This translates to long-term resistance to splits and tears in the completed membrane roof system.

**Advanced Rubber Technology** - The modifier used in VersiPly 40 is SBS (Styrene-Butadiene-Styrene). When the SBS rubber is properly dispersed throughout the high penetration asphalt, the rubber provides increased thermal shock resistance, heat resistance, elongation, and low temperature flexibility. To ensure proper dispersion, a special high shear mixer is used in manufacturing.

**Factory formulation Reduces Labor Expense** - VersiPly membranes are coated at the factory with reflective mineral granules. Consequently, there's no need to flood coat and gravel or aluminize the membrane's surface. Roof projects can be completed on a more timely basis. The end result is substantial labor expense savings.

## APPLICATION

VersiPly 40 can be used with ASTM D 312, Type III or IV asphalt, Garland's HPR All-Temp Asphalt or modified asphalt. Two plies of felt are solidly bonded to the approved substrate. The cap sheet is then solidly adhered to the two base layers of VersiPly 40 with mopping asphalt.

VersiPly 40 can also be applied in Garland's cold-applied Weatherking® or Green-Lock® membrane adhesive in the same two-ply and cap configuration.

Complete specifications are available for multi-ply modified bitumen applications in hot asphalt, Weatherking and Green-Lock Membrane Adhesive.

# VersiPly® 40 Base Sheet

Technical Data	VersiPly 40
<b>Tensile Strength</b>	*MD 215 lbf./in. (37.5 kN/m) *XD 215 lbf./in. (37.5 kN/m) **MD 230 lbf./in. (41 kN/m) **XD 230 lbf./in. (41 kN/m)
<b>*Tear Strength</b>	MD 275 lbf. (1223 N) XD 275 lbf. (1223 N)
<b>*Elongation</b>	MD 4.5% XD 4.5%
<b>*Low Temperature Flex</b>	-30°F (-34°C)

Test Method ASTM D 5147 is tested at:

\* 2 in./min @ 73.4 ± 3.6°F \*\* 0.08 in/min @ 0 ± 3.6°F  
(50 mm/min @ 23 ± 2°C) (2.0 mm/min @ -18 ± -3°C)

Roll Dimensions	VersiPly 40
<b>Width</b>	3 ft. 3 in. (1m)
<b>Length</b>	68 ft. 7 in. (20.90 m)
<b>Weight</b>	90 lb. (40.82 kg)
<b>Nominal Thickness</b>	40 mils (1,020 microns)
<b>Net Coverage</b>	200 sq. ft. (18.6 m <sup>2</sup> )
<b>Packaging</b>	25 rolls/pallet

Eco-Facts	VersiPly 40
<b>Recycled Content</b>	
<b>Pre-Consumer</b>	–
<b>Post-Consumer</b>	31%

For specific application recommendations, please contact your local Garland Representative or Garland Technical Service Department.

Installation of this product with hot oxidized asphalt may result in exposure to hazardous chemicals. Special care and attention for proper product installation must be followed in all cases. For specific details refer to the NIOSH safe handling practices in publication No. 2003-107, as well as OSHA standard 1910.134 for further exposure precautions.



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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

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