

Many single-ply roofing manufacturers promote the idea that when it comes to performance, "thicker" means "better." However, the truth is that roofing system performance is based on several factors, including product composition, reinforcement, and thickness.



Strength Is In The Scrim The Duro-Last 50-mil membrane has polymer thickness over the scrim equal to or greater than other typical 60-mil thermoplastic roofing systems. Additionally, the Duro-Last 50-mil system outperforms these 60-mil products in strength performance characteristics. The difference: the reinforcement scrim. Ours is a weft-insertion scrim with a 14 x 18 threads-per-inch density – among the highest in the industry.

Thickness Where It Counts

The above-scrim thickness of our 50-mil membrane – 28 mils – far exceeds not only the ASTM minimum standard of 16 mils for Type III membranes, but also the above-scrim thickness typically provided by our competitors' systems. This means that the Duro-Last roofing system provides protection where your building needs it most: the exposed surface of the membrane.

Film for the Duro-Last membrane is made from a proprietary thermoplastic blend of resins and plasticizers, stabilizers, biocides, flame retardants, and U.V. absorbents. Our high-density, weft-insertion knitted scrim laminated between two film layers gives the membrane its exceptional strength and durability.

True Performance

To increase membrane thickness, some manufacturers add more material to the bottom film layer and little to the exposed layer. Increasing thickness does not directly increase membrane performance. Rather, performance is a balance between film formulation, membrane thickness, and reinforcement.

Here's how a single-ply roofing system protects buildings:

- Film formulation determines the flexibility of the membrane as well as its ability to resist crazing and cracking over time, and protect against ultraviolet (UV) radiation.
- Membrane thickness provides protection from water, snow, and ice elements.
- **Reinforcement** provided by the scrim layer is the source of the membrane's strength. The scrim protects against natural elements and from human activity that causes punctures and tears. Reinforcement also provides dimensional stability to the membrane and strength against building movement.

800-248-0280

www.duro-last.com

If you buy or specify single-ply roofing systems, your decision should be based on membrane performance, not thickness alone. With over 30 years of delivering leak-proof protection for buildings of all types across North America, the durable, precision-fabricated Duro-Last roofing system is the right choice for your roofing project.



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 Made in the OWNED & OPERATED
 The Duro-Last Roofing System is proudly manufactured in the United States of America.

The Duro-Last Roofing System®