

Duro-Last® Shingle-Ply Roofing System

A Duro-Last Designer Series Roofing System



The perfect combination of watertight integrity and aesthetics.



The Duro-Last Shingle-Ply System is ideal for commercial applications where building appearance is important, but conventional shingles are not practical because the roof's slope may not provide good water runoff or the roof has other limitations. The Shingle-Ply membrane provides a shingle look and the watertight performance and long-term durability of a thermoplastic, single-ply roofing system.



Our Shingle-Ply product is made from the same durable membrane as the Duro-Last roofing system, a proven performer since 1978. The shingle design is printed onto the membrane, then a special polymer coating is applied to help protect the finish from marring, fading, and dirt accumulation.



Shingle-Ply rolls are delivered to the job site ready to be unrolled, positioned, and installed by an authorized Duro-Last contractor. Each piece is aligned with the installed adjacent piece and mechanically attached to the roof deck. Overlapping edges are heat-welded together, forming a watertight, monolithic covering.

Flashings for penetrations and other transition areas are precision-fabricated in a Duro-Last facility; there is no on-site assembly of these components. The Duro-Last Shingle-Ply system is complete, with all fasteners, flashings, edge details, and other materials delivered to the job site.*

**Consider overall building aesthetics when ordering flashings in Shingle-Ply material.*

The Duro-Last Shingle-Ply roofing system can be ordered in Slate Gray or Sandstone in 50-mil thickness only.

The Shingle-Ply roofing system is protected by the best warranty in the roofing industry. Commercial projects receive our comprehensive

15-year warranty. It's transferable, has no exclusions for ponding water, and provides coverage against consequential damages that result from defects in the Duro-Last material and/or installation workmanship. Duro-Last also has 20-year limited warranties available.

Tests outlined by ASTM D-4434	Test Description	Test Method	Metric Results	U.S. Standard Results
	Thickness-Nominal	ASTM D 751	1.25 mm.	50 mils - Type III
	Breaking Strength	ASTM D 751 - Grab Method	1948 x 1734 N	438 x 390 lbf.
	Elongation at Break	ASTM D 751 - Grab Method	31%	
	Heat Aging	ASTM 3045, 56 days @ 176°F	90% of control - no cracking, chipping or crazing	
	Factory Seam Strength	ASTM D 751 - Grab Method	1854 N	417 lbf.
	Tearing Strength	ASTM D 751 - Procedure B	587 x 725 N	132 x 163 lbf.
	Low Temperature Bend	ASTM D 2136	Pass	
	Accelerated Weathering	ASTM G 154 (Formerly G53)	No cracking, checking, crazing or erosion at 5,000 hours of exposure.	
	Linear Dimensional Change	ASTM D 1204 - 6 hrs. @ 176°F	-0.4%	
	Water Absorption	ASTM D 570 - 166 hrs. @ 158°F	1.7%	
	Static Puncture	ASTM D 5602	25 kg.	56 lb.
Dynamic Puncture	ASTM D 5635	20 J	474 pdl-ft.	

Additional Tests	Test Description	Test Method	Metric Results	U.S. Standard Results
	Fungi Resistance	ASTM G 21	No sustained growth or discoloration	
	Solar Reflectance	ASTM C 1549 (Mean)	Slate Gray 35%; Sandstone 20%	
	Thermal Emittance	ASTM C 1371 (Mean)	Slate Gray 87%; Sandstone 85%	
	Weight	ASTM D 751	1.4 kg per m ²	.29 lb. per ft ²
	Underwriters Laboratories	UL-790	Classes A, B & C approved	
	Factory Mutual Research	ASTM E 108; FM 4450 & FM 4470	Rated 1-60, 1-75, 1-90, 1-105, 1-120, 1-135, 1-150, 1-165, 1-195, 1-210, 1-240, 1-270, 1-345, 1-435 & 1-495	

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The Duro-Last® roofing system is proudly manufactured in the United States of America.

800-248-0280

www.duro-last.com

