

		<b>Duro-Last® PVC Membranes Mechanically Fastened Over Steel</b>		<b>Warranty Term</b> <b>15, 20, 25, and 30 Years</b> <b>Up to 54 mph (86.9 km/h)</b>	
		<ul style="list-style-type: none"><li>• Duro-Last® PVC membranes – mechanically fastened</li><li>• Cover board (when required) – mechanically fastened</li><li>• Insulation (when required) – mechanically fastened</li><li>• Steel – 18- to 22-gauge (1.21 – 0.76 mm)</li></ul>			
Refer to the Duro-Last Specifications, Guides, and Details at <a href="http://www.duro-last.com">www.duro-last.com</a>					
All Products		Must be purchased or approved by Duro-Last.			
Deck Requirements		18- to 22-gauge steel			
Construction Types		Any wet or damaged materials must be removed prior to installation. ○ New construction      ○ Re-cover      ○ Partial tear-off      ○ Complete tear-off			
Vapor Barriers		Consult with a design professional to determine requirements of vapor barriers. ○ Duro-Last Vapor Barrier      ○ Duro-Last Torch-Down Vapor Barrier      Duro-Blue® with taped seams			
Warranty Term by Membrane Thickness		○ 15-year warranty – 40 mil (1.02 mm)      ○ 20-year warranty – 50 mil (1.27 mm) ○ 25-year warranty – 60 mil (1.52 mm)      ○ 30-year warranty – 80 mil (2.03 mm) <b>25- and 30-year warranties require only metal plates.</b>			
Membrane Options		○ Duro-Last 40, 50, 60 mil      ○ Duro-Last X™ 50, 60, 80 mil ○ Duro-Tuff® 50, 60, 80 mil      ○ Duro-Last EV 50, 60, 80 mil			
Membrane, Insulation, and Cover Board Fasteners		Minimum 1-inch (25-mm) penetration ○ HD Screw #14      ○ EHD Screw #15			
Membrane Plates		○ Cleat Plates®      ○ Poly-Plates (not recommended over hard boards)      ○ Induction weld plates			
Cover Board Plates		○ 3-Inch Metal Plates      ○ Cleat Plates      ○ Poly-Plates (not recommended)      ○ Induction weld plates			
Insulation Plates		○ Insulation Plates      ○ 3-Inch Metal Plates      ○ Cleat Plates      ○ Poly-Plates      ○ Induction weld plates			
Seaming Requirement		1-1/2-inch (40-mm) continuous weld using a hand-held welder with a silicone roller or an automatic welder.			
Increased Wind Speed		Must be reviewed by the Duro-Last Engineering Services Department. ○ Wind speed coverage exceeding 54 mph (86.9 km/h)			
Code Requirements		Local code must be met. Some code agencies may require special design considerations. Contact the Duro-Last Engineering Services Department for assistance.			
Fire Ratings		Fire ratings may require certain slip sheets, insulations, or gypsum-based cover boards.			
Approved Slip Sheets		○ Duro-Blue      ○ Duro-Weave®      ○ Geotextile      ○ Ballast Mat ○ FR-10      ○ VersaShield®			
Minimum Thickness		Substrate Material		Minimum Fasteners Per 4 x 8 ft (1.2 x 2.4 m)	
Inches	mm				
1	25	Duro-Guard® ISO II or ISO III		5	
1/2	13	Duro-Guard ISO HD or ISO HD-MA		5	
2	51	Duro-Guard ISO HD Composite		5	
1/4	6	Duro-Guard DEXcell® Glass Mat		4	
7/8	22	Duro-Guard DEXcell Cement		4	
1/4	6	Duro-Guard DensDeck®		4	
1/4	6	Duro-Guard Securock® Glass-Mat		4	
3/8	10	Duro-Guard fan folds		16 per bundle – ≤5 ft (1.5 m) laps 28 per bundle – >5 ft (1.5 m) laps	
NOTE: Buildings over 40 ft (12.2 m) tall or in high wind zones may require additional fastening. Request a Wind Calc from Engineering to confirm attachment patterns.					

## DISCLAIMER

This document is meant as a quick reference and may not include details necessary for project completion. Refer to the full Duro-Last specifications or contact the Duro-Last Engineering Services Department for additional details.