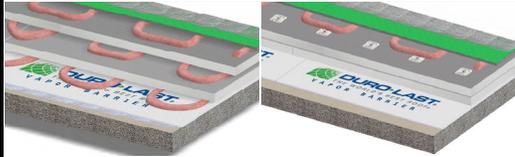


	Duro-Last® PVC Membrane Adhered Over Structural or Lightweight Structural Concrete	Warranty Term 15, 20, 25, and 30 Years Up to 54 mph (86.9 km/h)
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- Duro-Last® PVC membranes – adhered
- Cover board (when required) – adhered or mechanically fastened
- Insulation (when required) – adhered or mechanically fastened
- Structural or lightweight structural concrete 2,500 psi min. (17.2 MPa)

Refer to the Duro-Last Specifications, Guides, and Details at www.duro-last.com

All Products	Must be purchased or approved by Duro-Last.
Deck Requirements	<input type="checkbox"/> Structural concrete <input type="checkbox"/> Lightweight structural concrete
Construction Types	Any wet or damaged materials must be removed prior to installation. <input type="checkbox"/> New construction <input type="checkbox"/> Partial tear-off <input type="checkbox"/> Complete tear-off <input type="checkbox"/> Re-cover with new-fastened layer <input type="checkbox"/> Re-cover adhered directly over BUR or mod bit – fleece only
Vapor Barriers	Consult with a design professional to determine requirements of vapor barriers. <input type="checkbox"/> Duro-Last Vapor Barrier <input type="checkbox"/> Duro-Last Torch-Down Vapor Barrier
Warranty Term by Membrane Thickness	<input type="checkbox"/> 15-year warranty – 40 mil (1.02 mm) <input type="checkbox"/> 20-year warranty – 50 mil (1.27 mm) <input type="checkbox"/> 25-year warranty – 60 mil (1.52 mm) <input type="checkbox"/> 30-year warranty – 80 mil (2.03 mm)
Membrane Options	<input type="checkbox"/> Duro-Last 40, 50, 60 mil <input type="checkbox"/> Duro-Last X™ 50, 60, 80 mil <input type="checkbox"/> Duro-Tuff® 50, 60, 80 mil <input type="checkbox"/> Duro-Fleece® 50, 60, 80 mil <input type="checkbox"/> Duro-Fleece Plus® 50, 60 mil <input type="checkbox"/> Duro-Last EV 50, 60, 80 mil <input type="checkbox"/> Duro-Last EV Fleece 60, 80 mil
Non-Fleece Membrane Adhesives	<input type="checkbox"/> SB IV Adhesive (two-sided application) <input type="checkbox"/> WB II Adhesive (must not be used directly over a vapor barrier) <input type="checkbox"/> Solvent-Grip® Plus Adhesive (two-sided application) <input type="checkbox"/> Solvent-Grip Adhesive (two-sided application) (cannot be used on EV membrane)
Fleece Membrane Adhesives	<input type="checkbox"/> Duro-Fleece CRA Membrane Adhesive (CR-20) (spatter pattern) <input type="checkbox"/> Duro-Grip® OlyBond500® canister (spatter pattern) <input type="checkbox"/> TRUFAST® Roofing Adhesive (spatter pattern) <input type="checkbox"/> WB II Adhesive (must not be used directly over a vapor barrier)
Insulation and Cover Board Fasteners	Minimum 1-inch (25-mm) penetration and pre-drilled 1/2 inch (13 mm) deeper than required depth. Do not spall the concrete. Pullout value: min. 250 lbf (1,112.1 N) <input type="checkbox"/> Concrete Nail #14 <input type="checkbox"/> Concrete Screw #14 <input type="checkbox"/> HD Screw #14 <input type="checkbox"/> EHD Screw #15
Insulation and Cover Board Plates	<input type="checkbox"/> 3-Inch Metal Plates <input type="checkbox"/> Cleat Plates®
Insulation and Cover Board Adhesives	Seams may be taped if needed. <input type="checkbox"/> Duro-Grip CRA (CR-20) <input type="checkbox"/> Duro-Grip OlyBond500 <input type="checkbox"/> TRUFAST Roofing Adhesive <input type="checkbox"/> Duro-Grip INSTA STIK™ <input type="checkbox"/> Duro-Grip Millennium PG-1 Pump Grade <input type="checkbox"/> Duro-Grip Millennium One Step
Insulation and Cover Board Adhesive Attachment	Duro-Guard® ISO II, III, ISO HD, and ISO HD Composite must be 4 x 4 ft (1.2 x 1.2 m) max. Bead spacing – in. (mm): <input type="checkbox"/> Field – 12 (305) <input type="checkbox"/> Perimeters – 6 (152) <input type="checkbox"/> Corners – 6 (152)
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. <input type="checkbox"/> 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.

Minimum Thickness		Substrate Material	Minimum Fasteners	
Inches	mm		Field	Perimeter
1-1/2	38	Duro-Guard ISO II or ISO III	10 per 4 x 8 ft (1.2 x 2.4 m)	16 per 4 x 8 ft (1.2 x 2.4 m)
1/2	13	Duro-Guard ISO HD		
2	51	Duro-Guard ISO HD Composite		
1/4	6	Duro-Guard DEXcell FA® Glass Mat		
7/8	22	Duro-Guard DEXcell® Cement		
1/4	6	Duro-Guard DensDeck® Prime		
1/4	6	Duro-Guard Securock® Gypsum-Fiber		

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.