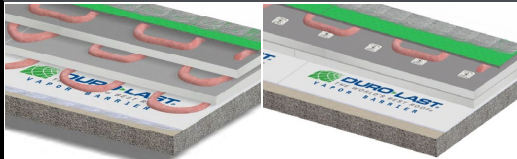
		Duro-Last® PVC Membrane Adhered Over Structural or Lightweight Structural Concrete		Warranty Term 15, 20, 25, and 30 Years Up to 54 mph (86.9 km/h)	
		<ul style="list-style-type: none">Duro-Last® PVC membranes – adheredCover board (when required) – adhered or mechanically fastenedInsulation (when required) – adhered or mechanically fastenedStructural 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		<div>○ Structural concrete</div> <div>○ Lightweight structural concrete</div>			
Construction Types		Any wet or damaged materials must be removed prior to installation. <div>○ New construction</div> <div>○ Partial tear-off</div> <div>○ Complete tear-off</div> <div>○ Re-cover with new-fastened layer</div> <div>○ Re-cover adhered directly over BUR or mod bit – fleece only</div>			
Vapor Barriers		Consult with a design professional to determine requirements of vapor barriers. <div>○ Duro-Last Vapor Barrier</div> <div>○ Duro-Last Torch-Down Vapor Barrier</div>			
Warranty Term by Membrane Thickness		<div>○ 15-year warranty – 40 mil (1.02 mm)</div> <div>○ 20-year warranty – 50 mil (1.27 mm)</div> <div>○ 25-year warranty – 60 mil (1.52 mm)</div> <div>○ 30-year warranty – 80 mil (2.03 mm)</div>			
Membrane Options		<div>○ Duro-Last 40, 50, 60 mil</div> <div>○ Duro-Last X™ 50, 60, 80 mil</div> <div>○ Duro-Tuff® 50, 60, 80 mil</div> <div>○ Duro-Fleece® 50, 60, 80 mil</div> <div>○ Duro-Fleece Plus® 50, 60 mil</div> <div>○ Duro-Last EV 50, 60, 80 mil</div> <div>○ Duro-Last EV Fleece 60, 80 mil</div>			
Non-Fleece Membrane Adhesives		<div>○ SB IV Adhesive (two-sided application)</div> <div>○ WB II Adhesive (must not be used directly over a vapor barrier)</div> <div>○ Solvent-Grip® Plus Adhesive (two-sided application)</div> <div>○ Solvent-Grip Adhesive (two-sided application) (cannot be used on EV membrane)</div>			
Fleece Membrane Adhesives		<div>○ Duro-Fleece CRA Membrane Adhesive (CR-20) (spatter pattern)</div> <div>○ Duro-Grip® OlyBond500® canister (spatter pattern)</div> <div>○ TRUFAST® Roofing Adhesive (spatter pattern)</div> <div>○ WB II Adhesive (must not be used directly over a vapor barrier)</div>			
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) <div>○ Concrete Nail #14</div> <div>○ Concrete Screw #14</div> <div>○ HD Screw #14</div> <div>○ EHD Screw #15</div>			
Insulation and Cover Board Plates		<div>○ 3-Inch Metal Plates</div> <div>○ Cleat Plates®</div>			
Insulation and Cover Board Adhesives		Seams may be taped if needed. <div>○ Duro-Grip CRA (CR-20)</div> <div>○ Duro-Grip OlyBond500</div> <div>○ TRUFAST Roofing Adhesive</div> <div>○ Duro-Grip INSTA STIK™</div> <div>○ Duro-Grip Millennium PG-1 Pump Grade</div> <div>○ Duro-Grip Millennium One Step</div>			
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): <div>○ Field – 12 (305)</div> <div>○ Perimeters – 6 (152)</div> <div>○ Corners – 6 (152)</div>			
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. <div>○ Wind speed coverage exceeding 54 mph (86.9 km/h)</div>			
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.