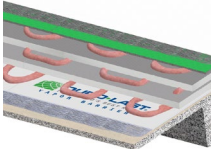
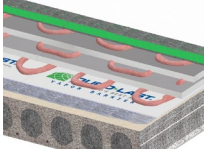
		<b>Duro-Last® PVC Membrane Adhered Over Precast Structural Concrete</b>		<b>Warranty Term</b> <b>15, 20, 25, and 30 Years</b> <b>Up to 54 mph (86.9 km/h)</b>	
				<ul style="list-style-type: none"><li>Duro-Last® PVC membranes – adhered</li><li>Cover board (when required) – adhered or mechanically fastened</li><li>Insulation (when required) – adhered or mechanically fastened</li><li>Precast structural concrete – T-beam or hollow core 2,500 psi min. (17.2 MPa)</li></ul>	
Refer to Duro-Last Technical Specifications, Guides, and Details at <a href="http://www.duro-last.com">www.duro-last.com</a>					
<b>All Products</b>		Must be purchased or approved by Duro-Last.			
<b>Deck Requirements</b>		Precast structural concrete: <ul style="list-style-type: none"><li>T-beam</li><li>Hollow core</li></ul>			
<b>Construction Types</b>		Any wet or damaged materials must be removed prior to installation. <ul style="list-style-type: none"><li>New construction</li><li>Partial tear-off</li><li>Complete tear-off</li><li>Re-cover with new-fastened layer</li><li>Re-cover adhered directly over BUR or mod bit – <b>fleece only</b></li></ul>			
<b>Vapor Barriers</b>		Consult with a design professional to determine requirements of vapor barriers. <ul style="list-style-type: none"><li>Duro-Last Vapor Barrier</li><li>Duro-Last Torch-Down Vapor Barrier</li></ul>			
<b>Warranty Term by Membrane Thickness</b>		<ul style="list-style-type: none"><li>15-year warranty – 40 mil (1.02 mm)</li><li>20-year warranty – 50 mil (1.27 mm)</li><li>25-year warranty – 60 mil (1.52 mm)</li><li>30-year warranty – 80 mil (2.03 mm)</li></ul>			
<b>Membrane Options</b>		<ul style="list-style-type: none"><li>Duro-Last 40, 50, 60 mil</li><li>Duro-Last X™ 50, 60, 80 mil</li><li>Duro-Tuff® 50, 60, 80 mil</li><li>Duro-Fleece® 50, 60, 80 mil</li><li>Duro-Fleece Plus® 50, 60 mil</li><li>Duro-Last EV 50, 60, 80 mil</li><li>Duro-Last EV Fleece 60, 80 mil</li></ul>			
<b>Non-Fleece Membrane Adhesives</b>		<ul style="list-style-type: none"><li>SB IV Adhesive (two-sided application)</li><li>WB II Adhesive (<b>must not be used directly over a vapor barrier</b>)</li><li>Solvent-Grip® Plus Adhesive (two-sided application)</li><li>Solvent-Grip Adhesive (two-sided application) (<b>cannot be used on EV membrane</b>)</li></ul>			
<b>Fleece Membrane Adhesives</b>		<ul style="list-style-type: none"><li>Duro-Fleece CRA Membrane Adhesive (CR-20) (spatter pattern)</li><li>Duro-Grip® OlyBond500® canister (spatter pattern)</li><li>TRUFAST® Roofing Adhesive (spatter pattern)</li><li>WB II Adhesive (<b>must not be used directly over a vapor barrier</b>)</li></ul>			
<b>Insulation and Cover Board Fasteners</b>		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) <ul style="list-style-type: none"><li>Concrete Nail #14</li><li>Concrete Screw #14</li><li>HD Screw #14</li><li>EHD Screw #15</li></ul>			
<b>Insulation and Cover Board Plates</b>		<ul style="list-style-type: none"><li>3-Inch Metal Plates</li><li>Cleat Plates®</li></ul>			
<b>Insulation and Cover Board Adhesives</b>		Seams may be taped if needed. <ul style="list-style-type: none"><li>Duro-Grip CRA (CR-20)</li><li>Duro-Grip OlyBond500</li><li>TRUFAST Roofing Adhesive</li><li>Duro-Grip INSTA STIK™</li><li>Duro-Grip Millennium PG-1 Pump Grade</li><li>Duro-Grip Millennium One Step</li></ul>			
<b>Insulation and Cover Board Adhesive Attachment</b>		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): <ul style="list-style-type: none"><li>Field – 12 (305)</li><li>Perimeters – 6 (152)</li><li>Corners – 6 (152)</li></ul>			
<b>Seaming Requirement</b>		1-1/2-inch (40-mm) continuous weld using a hand-held welder with a silicone roller or an automatic welder.			
<b>Increased Wind Speed</b>		Must be reviewed by the Duro-Last Engineering Services Department. <ul style="list-style-type: none"><li>Wind speed coverage exceeding 54 mph (86.9 km/h)</li></ul>			
<b>Code Requirements</b>		Local code must be met. Some code agencies may require special design considerations. Contact the Duro-Last Engineering Services Department for assistance.			
<b>Fire Ratings</b>		Fire ratings may require certain slip sheets, insulations, or gypsum-based cover boards.			
<b>Minimum Thickness</b>		<b>Substrate Material</b>		<b>Minimum Fasteners</b>	
<b>Inches</b>	<b>mm</b>			<b>Field</b>	<b>Perimeter</b>
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.