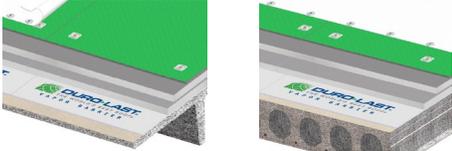


	<p align="center">Duro-TECH™ TPO Membranes Mechanically Fastened Over Precast Structural Concrete</p>		<p align="center">Warranty Term 15, 20 and 25 Years Up to 54 mph (86.9 km/h)</p>
	<ul style="list-style-type: none"> • Duro-TECH™ TPO membranes – mechanically fastened • Cover board (when required) – mechanically fastened • Insulation (when required) – mechanically fastened • Precast structural concrete – T-beam or hollow core 2,500 psi min. (17.2 MPa) 		
<p align="center">Refer to the Duro-TECH Specifications, Guides, and Details at www.duro-last.com</p>			
<p>All Products</p>	<p>Must be purchased or approved by Duro-Last®.</p>		
<p>Deck Requirements</p>	<p>Precast structural concrete: <input type="checkbox"/> T-Beam <input type="checkbox"/> Hollow core</p>		
<p>Construction Types</p>	<p>Any wet or damaged materials must be removed prior to installation. <input type="checkbox"/> New construction <input type="checkbox"/> Re-cover <input type="checkbox"/> Partial tear-off <input type="checkbox"/> Complete tear-off</p>		
<p>Vapor Barriers</p>	<p>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 <input type="checkbox"/> Duro-Blue® with taped seams</p>		
<p>Warranty Term by Membrane Thickness</p>	<p><input type="checkbox"/> 15-year warranty – 45 mil (1.14 mm) <input type="checkbox"/> 20-year warranty – 60 mil (1.52 mm) <input type="checkbox"/> 25-year warranty – 80 mil (2.03 mm) (only metal plates required)</p>		
<p>Membrane Options</p>	<p><input type="checkbox"/> Duro-TECH TPO 45, 60, 80 mil</p>		
<p>Membrane, Insulation, and Cover Board Fasteners</p>	<p>Minimum 1-inch (25-mm) penetration and pre-drilled 1/2 inch (13 mm) deeper than required depth. Do not spall the concrete. <input type="checkbox"/> Concrete Nail #14 <input type="checkbox"/> Concrete Screw #14 <input type="checkbox"/> HD Screw #14 <input type="checkbox"/> EHD Screw #15</p>		
<p>Membrane Plates</p>	<p><input type="checkbox"/> Cleat Plates® <input type="checkbox"/> Duro-TECH TPO Induction weld plates <input type="checkbox"/> Duro-TECH TPO HD Seam Plate <input type="checkbox"/> Poly-Plates (not recommended over hard boards)</p>		
<p>Cover Board Plates</p>	<p><input type="checkbox"/> 3-Inch Metal Plates <input type="checkbox"/> Duro-TECH TPO Induction weld plates <input type="checkbox"/> Cleat Plates <input type="checkbox"/> Poly-Plates (not recommended) <input type="checkbox"/> Duro-TECH TPO HD Seam Plate</p>		
<p>Insulation Plates</p>	<p><input type="checkbox"/> Insulation Plates <input type="checkbox"/> 3-Inch Metal Plates <input type="checkbox"/> Cleat Plates <input type="checkbox"/> Poly-Plates <input type="checkbox"/> Duro-TECH TPO Induction weld plates <input type="checkbox"/> Duro-TECH TPO HD Seam Plate</p>		
<p>Seaming Requirement</p>	<p>1-1/2-inch (40-mm) continuous weld using a hand-held welder with a silicone roller or an automatic welder.</p>		
<p>Increased Wind Speed</p>	<p>Must be reviewed by the Duro-Last Engineering Services Department. <input type="checkbox"/> Wind speed coverage exceeding 54 mph (86.9 km/h)</p>		
<p>Code Requirements</p>	<p>Local code must be met. Some code agencies may require special design considerations. Contact the Duro-Last Engineering Services Department for assistance.</p>		
<p>Fire ratings</p>	<p>Fire ratings may require certain slip sheets, insulations, or gypsum-based cover boards.</p>		
<p>Approved Slip Sheets</p>	<p><input type="checkbox"/> Duro-Blue <input type="checkbox"/> Duro-Weave® <input type="checkbox"/> Geotextile <input type="checkbox"/> Ballast Mat <input type="checkbox"/> FR-10 <input type="checkbox"/> VersaShield®</p>		
<p>Minimum Thickness</p>	<p align="center">Substrate Material</p>		<p align="center">Minimum Fasteners Per 4 x 8 ft (1.2 x 2.4 m)</p>
<p align="center">1-1/2</p>	<p align="center">38</p>	<p>Duro-Guard® ISO II or ISO III</p>	<p align="center">5</p>
<p align="center">1/2</p>	<p align="center">13</p>	<p>Duro-Guard ISO HD or ISO HD-MA</p>	<p align="center">5</p>
<p align="center">2</p>	<p align="center">51</p>	<p>Duro-Guard ISO HD Composite</p>	<p align="center">5</p>
<p align="center">1/4</p>	<p align="center">6</p>	<p>Duro-Guard DEXcell® Glass Mat</p>	<p align="center">4</p>
<p align="center">7/8</p>	<p align="center">22</p>	<p>Duro-Guard DEXcell Cement</p>	<p align="center">4</p>
<p align="center">1/4</p>	<p align="center">6</p>	<p>Duro-Guard DensDeck®</p>	<p align="center">4</p>
<p align="center">1/4</p>	<p align="center">6</p>	<p>Duro-Guard Securock® Glass-Mat</p>	<p align="center">4</p>
<p align="center">3/8</p>	<p align="center">10</p>	<p>Duro-Guard fan folds</p>	<p align="center">16 per bundle – ≤5 ft (1.5 m) laps 28 per bundle – >5 ft (1.5 m) laps</p>
<p>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.</p>			

DISCLAIMER

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