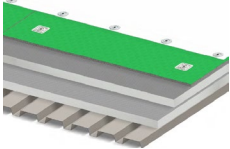
	<h2>Duro-TECH™ TPO Membranes Mechanically Fastened Over Steel</h2>		<p>Warranty Term 15, 20 and 25 Years Up to 54 mph (86.9 km/h)</p>
	<ul style="list-style-type: none"> • Duro-TECH™ TPO membranes – mechanically fastened • Cover board (when required) – mechanically fastened • Insulation (when required) – mechanically fastened • Steel – 18- to 22-gauge (1.02 – 0.64 mm) 		
<p>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>18- to 22-gauge steel</p>		
<p>Construction Types</p>	<p>Any wet or damaged materials must be removed prior to installation.</p> <ul style="list-style-type: none"> ○ New construction ○ Re-cover ○ Partial tear-off ○ Complete tear-off 		
<p>Vapor Barriers</p>	<p>Consult with a design professional to determine requirements of vapor barriers.</p> <ul style="list-style-type: none"> ○ Duro-Last Vapor Barrier ○ Duro-Last Torch-Down Vapor Barrier ○ Duro-Blue® with taped seams 		
<p>Warranty Term by Membrane Thickness</p>	<ul style="list-style-type: none"> ○ 15-year warranty – 45 mil (1.14 mm) ○ 20-year warranty – 60 mil (1.52 mm) ○ 25-year warranty – 80 mil (2.03 mm) (only metal plates required) 		
<p>Membrane Options</p>	<ul style="list-style-type: none"> ○ Duro-TECH TPO 45, 60, 80 mil 		
<p>Membrane, Insulation, and Cover Board Fasteners</p>	<p>Minimum 1-inch (25-mm) penetration</p> <ul style="list-style-type: none"> ○ HD Screw #14 ○ EHD Screw #15 		
<p>Membrane Plates</p>	<ul style="list-style-type: none"> ○ Cleat Plates® ○ Duro-TECH TPO Induction weld plates ○ Duro-TECH TPO HD Seam Plate ○ Poly-Plates (not recommended over hard boards) 		
<p>Cover Board Plates</p>	<ul style="list-style-type: none"> ○ 3-Inch Metal Plates ○ Duro-TECH TPO Induction weld plates ○ Cleat Plates ○ Poly-Plates (not recommended) ○ Duro-TECH TPO HD Seam Plate 		
<p>Insulation Plates</p>	<ul style="list-style-type: none"> ○ Insulation Plates ○ 3-Inch Metal Plates ○ Cleat Plates ○ Poly-Plates ○ Duro-TECH TPO Induction weld plates ○ Duro-TECH TPO HD Seam Plate 		
<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.</p> <ul style="list-style-type: none"> ○ Wind speed coverage exceeding 54 mph (86.9 km/h) 		
<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>	<ul style="list-style-type: none"> ○ Duro-Blue ○ Duro-Weave® ○ Geotextile ○ Ballast Mat ○ FR-10 ○ VersaShield® 		
<p>Minimum Thickness</p>	<p>Substrate Material</p>		<p>Minimum Fasteners Per 4 x 8 ft (1.2 x 2.4 m)</p>
<p>Inches</p>	<p>mm</p>		
<p>1</p>	<p>25</p>	<p>Duro-Guard® ISO II or ISO III</p>	<p>5</p>
<p>1/2</p>	<p>13</p>	<p>Duro-Guard ISO HD</p>	<p>5</p>
<p>2</p>	<p>51</p>	<p>Duro-Guard ISO HD Composite</p>	<p>5</p>
<p>1/4</p>	<p>6</p>	<p>Duro-Guard DEXcell® Glass Mat</p>	<p>4</p>
<p>7/8</p>	<p>22</p>	<p>Duro-Guard DEXcell Cement</p>	<p>4</p>
<p>1/4</p>	<p>6</p>	<p>Duro-Guard DensDeck®</p>	<p>4</p>
<p>1/4</p>	<p>6</p>	<p>Duro-Guard Secureck® Glass-Mat</p>	<p>4</p>
<p>3/8</p>	<p>10</p>	<p>Duro-Guard fan folds</p>	<p>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.