

		<b>Duro-TECH™ TPO Membrane Adhered Over Precast Structural Concrete with Tendons</b>		<b>Warranty Term</b> <b>15, 20 and 25 Years</b> <b>Up to 54 mph (86.9 km/h)</b>	
				<ul style="list-style-type: none"><li>• Duro-TECH™ TPO membranes – adhered</li><li>• Cover board (when required) – adhered</li><li>• Insulation (when required) – adhered</li><li>• Precast structural concrete with tendons 2,500 psi min. (17.2 MPa)</li></ul>	
Refer to Duro-TECH 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 with tendon      ○ T-beam with tendon      ○ Hollow core with tendon			
<b>Construction Types</b>		Any wet or damaged materials must be removed prior to installation. ○ New construction      ○ Partial tear-off      ○ Complete tear-off ○ Re-cover adhered directly over BUR or mod bit – <b>fleece only</b>			
<b>Vapor Barriers</b>		Consult with a design professional to determine requirements of vapor barriers. ○ Duro-Last Vapor Barrier      ○ Duro-Last Torch-Down Vapor Barrier			
<b>Warranty Term by Membrane Thickness</b>		○ 15-year warranty – 45 mil (1.14 mm)      ○ 20-year warranty – 60 mil (1.52 mm) ○ 25-year warranty – 80 mil (2.03 mm)			
<b>Membrane Options</b>		○ Duro-TECH TPO 45, 60, 80 mil      ○ Duro-TECH TPO Fleece 100, 115, 135 mil (2.54, 2.92, 3.43 mm)			
<b>Non-Fleece Membrane Adhesives</b>		○ TECH-Bond™ TPO Bonding Adhesive (two-sided application) ○ TECH-Bond TPO LVOC Bonding Adhesive (two-sided application) ○ TECH-Bond TPO Spray Adhesive (two-sided application)			
<b>Fleece Membrane Adhesives</b>		○ Duro-Grip® CRA Membrane Adhesive (CR-20) (spatter pattern) ○ TRUFAST® Roofing Adhesive (spatter pattern)      ○ Duro-Grip OlyBond500® Canister (spatter pattern)			
<b>Insulation and Cover Board Adhesives</b>		Seams may be taped if needed. ○ Duro-Grip CRA (CR-20)      ○ Duro-Grip OlyBond500      ○ TRUFAST Roofing Adhesive ○ Duro-Grip INSTA STIK™      ○ Duro-Grip Millennium PG-1 Pump Grade      ○ Duro-Grip Millennium One Step			
<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):      ○ Field – 12 (305)      ○ Perimeters – 6 (152)      ○ Corners – 6 (152)			
<b>Seaming Requirement</b>		1-1/2-inch (40-mm) wide 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. ○ Wind speed coverage exceeding 54 mph (86.9 km/h)			
<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>Inches</b>	<b>mm</b>				
1-1/2	38	Duro-Guard ISO II or ISO III			
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-TECH TPO specifications or contact the Duro-Last Engineering Services Department for additional details.