

		<b>Duro-Tech™ TPO Membrane Adhered Over Wood</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™ PVC membranes – adhered</li><li>Cover board (when required) – adhered or mechanically fastened</li><li>Insulation (when required) – adhered or mechanically fastened</li><li>Wood</li></ul>			
Refer to the 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>		○ Plywood                                      ○ Wood plank                                      ○ OSB			
<b>Construction Types</b>		Any wet or damaged materials must be removed and replaced prior to installation ○ New construction                                      ○ Partial tear-off                                      ○ Complete tear-off ○ Re-cover with new-fastened layer                                      ○ 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 (2.03mm)			
<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>Insulation and Cover Board Fasteners</b> Pullout value: min. 250 lbf (1,112.1 N)		Minimum 1-inch (25-mm) penetration. ○ HD Screw #14                                      ○ EHD Screw #15			
<b>Insulation and Cover Board Plates</b>		○ 3-Inch Metal Plates                                      ○ Cleat Plates®			
<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. ○ 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>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-TECH TPO specifications or contact the Duro-Last Engineering Services Department for additional details.