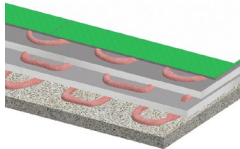
		Duro-TECH™ TPO Membrane Adhered Over Cementitious Wood Fiber (CWF)		Warranty Term 15, 20, and 25 Years Up to 54 mph (86.9 km/h)	
		<ul style="list-style-type: none">• Duro-TECH™ TPO membranes – adhered• Cover board (when required) – adhered or mechanically fastened• Insulation (when required) – adhered or mechanically fastened• Cementitious Wood Fiber (“CWF”) (Tectum)			
Refer to the Duro-Last Specifications, Guides, and Details at www.duro-last.com					
All Products		Must be purchased or approved by Duro-Last®.			
Deck Requirements		CWF – minimum thickness of 2 inches (51 mm)			
Construction Types		Any wet or damaged materials must be removed prior to installation. <ul style="list-style-type: none">○ New construction○ Partial tear-off○ Complete tear-off○ Re-cover with new-fastened layer○ Re-cover adhered directly over BUR or mod bit – fleece only			
Vapor Barriers		Consult with a design professional to determine requirements of vapor barriers. <ul style="list-style-type: none">○ Duro-Last Vapor Barrier○ Duro-Last Torch-Down Vapor Barrier			
Warranty Terms by Membrane Thickness		<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)			
Membranes		<ul style="list-style-type: none">○ Duro-TECH 40, 50, 60 mil○ Duro-TECH TPO Fleece 100, 115, 135 mil (2.54, 2.92, 3.43 mm)			
Non-Fleece Membrane Adhesives		<ul style="list-style-type: none">○ 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)			
Fleece Membrane Adhesives		<ul style="list-style-type: none">○ Duro-Grip® CRA Membrane Adhesive (CR-20) (spatter pattern)○ TRUFAST® Roofing Adhesive (spatter pattern)○ Duro-Grip OlyBond500® Canister (spatter pattern)			
Insulation and Cover Board Adhesives		Seams may be taped if needed. <ul style="list-style-type: none">○ 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			
Insulation and Cover Board Adhesive Attachment		Duro-Guard® ISO II, ISO 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">○ Field – 12 (305)○ Perimeters – 6 (152)○ Corners – 6 (152)			
Insulation and Cover Board Fasteners/Plates		Minimum 1-1/2-inch (38-mm) penetration <ul style="list-style-type: none">○ Auger Fasteners/Plates – Do not pre-drill.○ Auger Fasteners/Plates with DuPont™ Enerfoam™ (pre-drill 7/16-inch (11-mm) pilot hole for foam, install foam, then fasten)			
Pullout value: min. 250 lbf (1,112.1 N)					
Seaming Requirement		1-1/2-inch (40-mm) continuous weld using a hand-held welder with a silicone roller or an automatic welder.			
Increased Wind Speeds		Must be reviewed by the Duro-Last Engineering Services Department. <ul style="list-style-type: none">○ Wind speed coverage exceeding 54 mph (86.9 km/h)			
Code Requirements		Local code must be met. Some code agencies may require special design considerations. Contact the Duro-Last Engineering Services Department for assistance.			
Fire Ratings		Fire ratings may require certain slip sheets, insulations, or gypsum-based cover boards.			
Minimum Thickness		Substrate Material		Minimum Fasteners	
Inches	mm			Field	Perimeter
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.