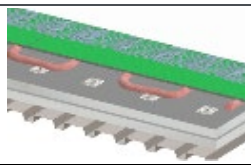
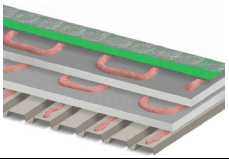
DURO-LAST THE WORLD'S BEST ROOF	**Duro-Last® PVC Membrane Adhered Over Steel**	**Warranty Term** **15, 20, 25, and 30 Years** **Up to 54 mph (86.9 km/h)**





- Duro-Last® PVC membranes – adhered
- Cover board (when required) – adhered or mechanically fastened
- Insulation (when required) – adhered or mechanically fastened
- Steel – 18- to 22-gauge (1.21 – 0.76 mm)

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	18- to 22-gauge steel
Construction Types	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 – **fleece only**
Vapor Barriers	Consult with a design professional to determine vapor barrier requirements. ○ Duro-Last Vapor Barrier ○ Duro-Last Torch-Down Vapor Barrier
Warranty Term by Membrane Thickness	○ 15-year warranty – 40 mil (1.02 mm) ○ 20-year warranty – 50 mil (1.27 mm) ○ 25-year warranty – 60 mil (1.52 mm) ○ 30-year warranty – 80 mil (2.03 mm)
Membrane Options	○ Duro-Last 40, 50, 60 mil ○ Duro-Last X™ 50, 60, 80 mil ○ Duro-Tuff® 50, 60, 80 mil ○ Duro-Fleece® 50, 60, 80 mil ○ Duro-Fleece Plus® 50, 60 mil ○ Duro-Last EV 50, 60, 80 mil ○ Duro-Last EV Fleece 60, 80 mil
Non-Fleece Membrane Adhesives	○ SB IV Adhesive (two-sided application) ○ WB II Adhesive **(must not be used directly over a vapor barrier)** ○ Solvent-Grip® Plus Adhesive (two-sided application) ○ Solvent-Grip Adhesive (two-sided application) **(cannot be used on EV membrane)**
Fleece Membrane Adhesives	○ Duro-Fleece CRA Membrane Adhesive (CR-20) (spatter pattern) ○ Duro-Grip® OlyBond500® canister (spatter pattern) ○ TRUFAST® Roofing Adhesive (spatter pattern) ○ WB II Adhesive **(must not be used directly over a vapor barrier)**
Insulation and Cover Board Fasteners Pullout value: min. 250 lbf (1,112.1 N)	Minimum 1-inch (25-mm) penetration. ○ HD Screw #14 ○ EHD Screw #15
Insulation and Cover Board Plates	○ 3-Inch Metal Plates ○ Cleat Plates®
Insulation and Cover Board Adhesives	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
Insulation and Cover Board Adhesive Attachment	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) ○ Perimeter – 6 (152) ○ Corners – 6 (152)
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 Speed	Must be reviewed by the Duro-Last Engineering Services Department. ○ 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-Last specifications or contact the Duro-Last Engineering Services Department for additional details.

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