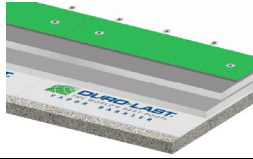




**Duro-Last® PVC Membranes
Mechanically Fastened Over
Cementitious Wood Fiber (CWF)**

Warranty Term
15, 20, 25, and 30 years
Up to 54 mph (86.9 km/h)



- Duro-Last® PVC membranes – mechanically fastened
- Cover board (when required) – mechanically fastened
- Insulation (when required) – 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). o Joints between panels greater than 1/4 inch (6 mm) must be grouted or filled with compatible material.
Construction Types	Any wet or damaged materials must be removed prior to installation. o New construction o Re-cover o Partial tear-off o Complete tear-off
Separator (Required)	Board insulations, fan fold boards, cover boards, vapor barriers, and/or slip sheets are required between CWF and the roofing membrane.
Approved Slip Sheets	o Duro-Blue® o Duro-Weave® o Geotextile o Ballast Mat o FR-10 o VersaShield®
Vapor Barriers	Consult with a design professional to determine requirements of vapor barriers. o Duro-Last Vapor Barrier o Duro-Last Torch-Down Vapor Barrier o Duro-Blue with taped seams
Membrane, Insulation, and Cover Board Fasteners/Plates	Minimum 1-1/2-inch (38-mm) penetration. FM requires a 2-inch (51-mm) minimum penetration. o Auger Fasteners/Plates – Do not pre-drill. o Auger Fasteners/Plates with DuPont™ Enerfoam™ (pre-drill 7/16-inch (11-mm) pilot hole for foam, install foam, then fastener)
Fastener Row Spacing	o 60 inch (1,524 mm) on center, maximum
Warranty Term by Membrane Thickness	o 15-year warranty – 40 mil (1.02 mm) o 20-year warranty – 50 mil (1.27 mm) o 25-year warranty – 60 mil (1.52 mm) o 30-year warranty – 80 mil (2.03 mm)
Membrane Options	o Duro-Last 40, 50, 60 mil o Duro-Last X™ 50, 60, 80 mil o Duro-Tuff® 50, 60, 80 mil o Duro-Last EV 50, 60, 80 mil
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. o 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 specific slip sheets, insulations, or gypsum-based cover boards.

Minimum Thickness		Substrate Material	Minimum Fasteners Per 4 x 8 ft (1.2 x 2.4 m)
Inches	mm		
1	25	Duro-Guard® ISO II or ISO III	5
1/2	13	Duro-Guard ISO HD	5
2	51	Duro-Guard ISO HD Composite	5
1/4	6	Duro-Guard DEXcell® Glass Mat	4
7/8	22	Duro-Guard DEXcell Cement	4
1/4	6	Duro-Guard DensDeck®	4
1/4	6	Duro-Guard Securock® Glass-Mat	4
3/8	10	Duro-Guard fan folds	16 per bundle – ≤5 ft (1.5 m) laps 28 per bundle – >5 ft (1.5 m) laps

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.