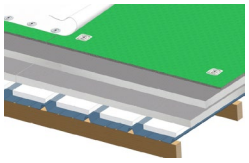
DURO-LAST THE WORLD'S BEST ROOF	**Duro-Last® PVC Membranes Mechanically Fastened Over Standing Seam Metal Roof**	**Warranty Term 15, 20, 25, and 30 Years Up to 54 mph (86.9 km/h)**



- Duro-Last® PVC membranes – mechanically fastened
- Cover board (when required) – mechanically fastened
- Insulation (when required) – mechanically fastened
- Standing seam metal roof – 24- to 26-gauge (0.61 – 0.45 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	○ Metal roof 24-gauge ○ Metal roof 26-gauge
Construction Types	Any wet or damaged materials must be removed prior to installation. ○ New Construction ○ Re-cover
Vapor Barriers	Consult with a design professional to determine requirements of vapor barriers. ○ Duro-Last Vapor Barrier ○ Duro-Last Torch-Down Vapor Barrier Duro-Blue® with taped seams
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) **25- and 30-year warranties require only metal plates.**
Membrane Options	○ Duro-Last 40, 50, 60 mil ○ Duro-Last X™ 50, 60, 80 mil ○ Duro-Tuff® 50, 60, 80 mil ○ Duro-Last EV 50, 60, 80 mil
Membrane, Insulation, and Cover Board Fasteners	Minimum 1-inch (25-mm) penetration ○ HD Screws #14 ○ EHD Screws #15
Membrane Plates	○ Cleat Plates® ○ Poly-Plates **(not recommended over hard boards)** ○ Induction weld plates
Cover Board Plates	○ 3-Inch Metal Plates ○ Cleat Plates ○ Poly-Plates **(not recommended)** ○ Induction weld plates
Insulation Plates	Insulation Plates ○ 3-Inch Metal Plates ○ Cleat Plates ○ Poly-Plates ○ Induction weld plates
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.
Approved Slip Sheets	○ Duro-Blue ○ Duro-Weave® ○ Geotextile ○ Ballast Mat ○ FR-10 ○ VersaShield®

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 or ISO HD-MA	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.

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