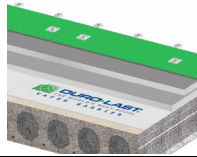
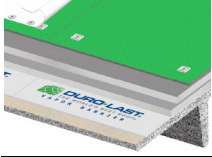




Duro-Last® PVC Membrane Mechanically Fastened Over Precast Structural Concrete

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
- Precast structural concrete – T-beam or hollow core 2,500 psi min. (17.2 MPa)

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	Precast structural concrete: <ul style="list-style-type: none"> ○ T-beam ○ Hollow core
Construction Types	Any wet or damaged materials must be removed prior to installation. <ul style="list-style-type: none"> ○ New construction ○ Re-cover ○ Partial tear-off ○ Complete tear-off
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 ○ Duro-Blue® with taped seams
Warranty Term by Membrane Thickness	<ul style="list-style-type: none"> ○ 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	<ul style="list-style-type: none"> ○ 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 and pre-drilled 1/2 inch (13 mm) deeper than required depth. Do not spill the concrete. <ul style="list-style-type: none"> ○ Concrete Nail #14 ○ Concrete Screw #14 ○ HD Screw #14 ○ EHD Screw #15
Membrane Plates	<ul style="list-style-type: none"> ○ Cleat Plates® ○ Poly-Plates (not recommended over hard boards) ○ Induction weld plates New concrete requires only metal plates.
Cover Board Plates	<ul style="list-style-type: none"> ○ 3-Inch Metal Plates ○ Cleat Plates ○ Poly-Plates (not recommended) ○ Induction weld plates New concrete requires only metal plates.
Insulation Plates	<ul style="list-style-type: none"> ○ Insulation Plates ○ 3-Inch Metal Plates ○ Cleat Plates ○ Poly-Plates ○ Induction weld plates New concrete requires only metal 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. <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.
Approved Slip Sheets	<ul style="list-style-type: none"> ○ 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		
1-1/2	38	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.