

In some cases, Duro-Last® may require that a mechanically fastened "peel stop" be installed when the roof membrane is adhered to a substrate. The need for a peel stop is dependent upon the type of substrate that the membrane is adhered to, the uplift pressure associated with the building's location, and the building's height.

When a peel stop is required, it must be installed 24 to 36 inches (0.61 to 0.91 m) from all exterior roof edges. This includes stepped roof sections where there is a change in height that exceeds 3'-0" (0.91 m) or higher.

Peel Stop Requirements

Detail Drawings AS9060A, AS9060B or AS9060C **must** be used in any of the following situations:

1. When required by the Peel Stop Table.
2. When any high wind warranty greater than, or equal to, 73 mph is required.
3. When the project is located within any special wind region as defined by the Peel Stop Reference Map on page 2. AS9060C must not be used within special wind regions, any colored areas on the map, or on parapet walls.
4. When any contoured exterior wall, or wall panel, does not have a flat, airtight termination point.

PEEL STOP TABLE								
Membrane Adhered To:	Bldg. Height < 25 ft.		Bldg. Height ≥ 25 to < 40 ft.		Bldg. Height ≥ 40 to < 70 ft.		Bldg. Height ≥ 70 ft.	
	Allowable Stress Design (ASD) Zone 3 - Pounds per Square Foot (PSF)							
	< -60	≥ -60 to < -90	< -60	≥ -60 to < -90	< -60	≥ -60 to < -90	< -60	≥ -60 to < -90
ISO II with parapet walls < 36 inches	NR	R	R	NA	R	NA	NA	NA
ISO II with parapet walls ≥ 36 inches	NR	R	NR	R	R	NA	NA	NA
ISO II (entire deck) Cover board ¹ (perimeter only ²)	NR	NR	NR	R	NR	R	NA	NA
ISO III	NR	NR	NR	R	R	R	NA	NA
ISO HD	NR	NR	NR	R	R	R	NA	NA
Cover board ¹	NR	NR	NR	NR	NR	NR	R	R
Direct to deck; or asphalt-based roofing system without insulation or cover board within the assembly	NR	NR	NR	NR	NR	NR	NR	R
Direct to asphalt-based roofing system with insulation or cover board within the assembly	NR	R	R	R	R	R	R	R

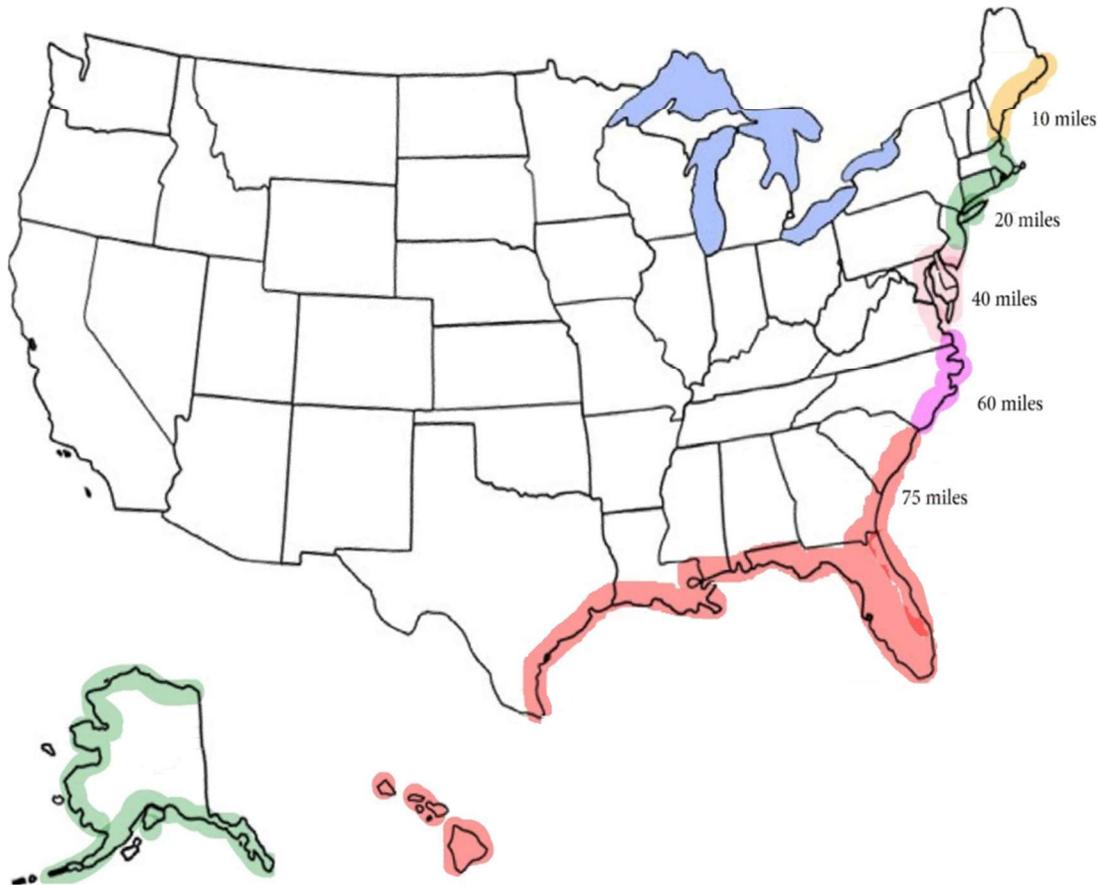
1: Approved Duro-Guard® cover boards - DensDeck® Prime, Securock® Gypsum-Fiber, DEXcell® FA Glass Mat, and DEXcell Cement Board.
 2: Perimeter width is calculated with respective ASCE 7 version.

NR - Peel stop not required.
R - Peel stop required.
NA - Not allowed. Choose an R or NR assembly within that column.
 Contact Duro-Last Engineering Services if the ASD Zone 3 pressure exceeds -90 PSF.

REVISED: 01/15/2024	INSULATION DETAIL FOR ADHERED SYSTEMS
PREVIOUS: 01/17/2019	PEEL STOP REQUIREMENTS
SCALE: NONE	NEW CONSTRUCTION OR RE-ROOF

Peel Stop Reference Map

A peel stop is required in all highlighted areas where a project is located within the indicated distances from a coastline. Deviations may be obtained with calculated pressures ran by the Duro-Last® Engineering Services Department.



STATE	MILES	STATE	MILES
Alaska	20	Virginia	40
Hawaii	Entire state	Maryland	40
Texas	75	Delaware	40
Louisiana	75	New Jersey	20
Mississippi	75	New York	20
Alabama	75	Connecticut	20
Florida	Entire state	Rhode Island	20
Georgia	75	Massachusetts	20
South Carolina	75	New Hampshire	20
North Carolina	60	Maine	10

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