

In some cases, Duro-Last[®], Inc. 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 wind speed associated with the building's location, and the building's height.

Primary Peel Stop Requirements

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

1. When any Duro-Last, Duro-Tuff[®], Duro-Fleece[®] or Duro-Last EV membranes are adhered directly to Duro-Guard[®] ISO products.
2. When any 25-year, or greater, warranty is required.
3. When any high wind warranty is required.
4. When the project is located within any special wind region (as defined by the applicable version of ASCE 7 that is determined by a jurisdiction's adopted International Building Code), the entire state of Florida, the Gulf Coast (within 75 miles of the Gulf of Mexico), or the East Coast (within 50 miles of the Atlantic Ocean) of the United States.

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, regardless of parapet wall height. This includes stepped roof sections where there is a change in height that exceeds 3'-0" (0.91 m) or higher.

Additional criteria used to determine if a peel stop must be installed are listed in the table below. Refer to Detail Drawings AS9060A and AS9060B for options on installing the peel stop.

Additional Peel Stop Requirements

Basic Wind Speed		Building Height		
ASCE 7-05	ASCE 7-10	Less than 40 feet	40 to 70 feet	Greater than 70 feet
90 mph or less	115 mph or less	<ul style="list-style-type: none"> - If the membrane is adhered to polyisocyanurate insulation board, then a peel stop is required. - If the membrane is adhered to Duro-Guard cover board* in the perimeter and corners, or if the membrane is adhered directly to concrete or wood, then a peel stop is not required. 	<ul style="list-style-type: none"> - Contact the Duro-Last Engineering Services Department for system attachment requirements. - The membrane must be adhered to Duro-Guard cover board* on the entire roof, or adhered directly to concrete or wood, and a peel stop is not required. 	<ul style="list-style-type: none"> - Contact the Duro-Last Engineering Services Department for system attachment requirements. - The membrane must be adhered to Duro-Guard cover board* on the entire roof, or adhered directly to concrete or wood, and a peel stop is required.
Greater than 90 mph and less than 130 mph	Greater than 115 mph and less than 165 mph			
130 mph or greater	165 mph or greater	<ul style="list-style-type: none"> - Contact the Duro-Last Engineering Services Department for system attachment requirements. - The membrane must be adhered to Duro-Guard cover board* on the entire roof, or adhered directly to concrete or wood, and a peel stop installed per Option 2 of Detail Drawing AS9060A is required. 		

* Approved Duro-Guard cover boards: DensDeck[®] Prime, Securock[®] Gypsum-Fiber, DEXcell[®] FA Glass Mat, and DEXcell Cement Board. Contact the Duro-Last Engineering Services Department for additional substrate options.

REVISED: 01/17/2019	PEEL STOP REQUIREMENTS
PREVIOUS: 10/29/2018	INSULATION AND COVER BOARD DETAIL FOR ADHERED SYSTEMS
SCALE: NONE	NEW CONSTRUCTION OR RE-ROOF