

# PRODUCT DATA SHEET

## DURO-LAST A.R.P. MEMBRANE

### Description:

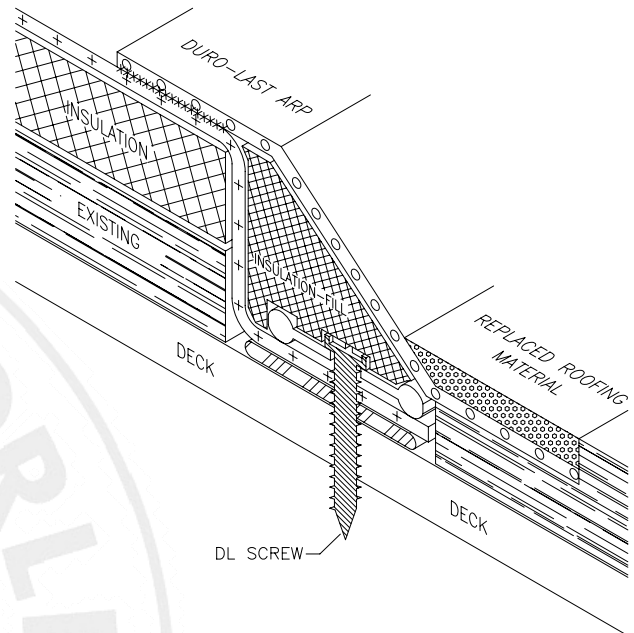
Duro-Last® A.R.P. Membrane (black in color) is fabricated from a high tenacity, low shrink weft inserted 9 x 9, 1000 Denier polyester fabric that has been coated with a proven thermoplastic alloy. This specially formulated permanent thermoplastic alloy does not have conventional plasticizers that migrate from the coating. It is specially formulated to be compatible with asphalt-based products. It is resistant to ultraviolet rays and microorganisms. The tear and puncture strength of the polyester fabric are superb, and it is impervious to most caustic chemicals, petroleum products, animal fats and acids. It shows no ill effects from either heat or cold.

The Duro-Last® A.R.P. Membrane is non-curing to provide excellent weldability for the entire life of the system. A patch, curb, stack or any other necessary additions or alterations can easily be accomplished by heat (hot air) welding the new Duro-Last® membrane accessory to the existing membrane. Heat (hot air) welding is used to bond all field seams. The welds can be made with a hand-held unit or a walker welder. The hot air seaming eliminates the need for chemicals, torches and other unsafe, non-manageable seaming systems.

### Installation:

A.R.P. membrane is available for use only in details requiring Duro-Last® to be tied-in to asphalt roofing.

Description	Test Method	U.S.	Metric
Thickness	ASTM D-751	40 mil nominal	1 mm
Tear strength	ASTM D-5587 Tongue method 8" x 8" sample	90lbs.	400N
Breaking strength	ASTM D-751	250lbs.	1112N
Elongation	ASTM D-751	27%	27%
Dimensional Stability	ASTM D-1204	< 1%	< 1%
Low Temp. Flexibility	ASTM D-2136 1/8" Mandrel	No cracks 0° F	No cracks 0° F
Water vapor Transmission	ASTM E96 WVT Procedure B	<0.30 US Perms	.087 g/hr/m <sup>2</sup>



See Detail 1080 for more installation information.

For more information on these and other Duro-Last Products, contact the Duro-Last Engineering Services Department.

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