



3. TOP

GLASDAN® AL-80-4

COMMERCIAL PRODUCT DATA SHEET

DESCRIPTION

Glasdan AL-80-4 is a SBS modified bitumen top membrane with a fiberglass mat reinforcement, finished with aluminum clad on the top as a protection surface and a burn-off film on the other side.

PRODUCT USES

Glasdan AL-80-4 is a top and flashing membrane to be used in conjunction to Danosa Roofing Systems. Glasdan AL-80-4 is finished with a heavy embossed aluminum clad. The installation procedure is by means of a high heat propane torch according to specifications and roof requirements. It may be used in Built-up Roofing Systems and over most roof decks with positive drainage. Contact Danosa for specific approval on other product uses.

PACKAGING

The rolls are placed upright on the selvage edge on pallets. The palletized material is protected by a polyethylene film and stretched wrapped at the base of the pallet.

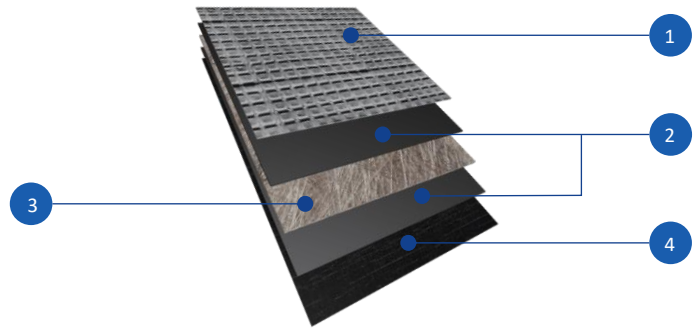
Pallet: 40 in x 48 in wooden pallet.
Number Rolls Per Pallet: 20

STORAGE AND HANDLING

All Danosa roll roofing products should be stored on end on a clean flat surface. Care should be taken that rolls are not dropped on ends or edges and are not stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing material should be stored in a dry place, out of direct exposure to the elements.

ADVANTAGES

Glasdan AL-80-4 has good tensile properties and dimensional stability. Glasdan AL-80-4 provides high reflectivity, reducing heat load on the roof membrane and potentially lowering air conditioning energy costs.



- 1. Coated aluminum clad
- 2. Modified bitumen
- 3. Fiberglass film
- 4. Burn-off film or sand

COMMERCIAL PRODUCT INFORMATION

Effective Coverage	9.3 m ² (100ft ²)
Weight per roll	Avg: 88lbs.
Roll Length	10.21m (33.5ft)
Roll Width	Avg: 1 meter (3.28ft)
Thickness	Avg: 3.6mm (142 mils)
Top Surfacing	Coated aluminum clad
Back Surfacing	Burn-off film

PRODUCT APPROVALS

Glasdan AL-80-4 is approved by Factory Mutual Research Corporation and Underwriters Laboratories for use in Danosa Approved Systems. Glasdan AL-80-4 is also an Energy Star qualified product. Danosa Roofing Systems also have received approval of many regional and local authorities such as:



Please contact the Danosa Sales office for specific information as required.

Rev 10/2020

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3. TOP

GLASDAN® AL-80-4

PHYSICAL AND MECHANICAL PROPERTIES



Property (As Manufactured)	Test Method	Units	Values
Thickness	ASTM D 5147	mils/mm	142/3.6
Weight	ASTM D 146	Lbs/ft ²	0.88
Back Surface Coating Thickness	ASTM D 5147	mils/mm	40/1
Maximum Load @ 73°F	ASTM D 5147	lbf/in	75
Maximum Load @ 0°F	ASTM D 5147	lbf/in	120
Elongation @ Maximum Load, 73°F	ASTM D 5147	%	4
Tensile-Tear Strength, min.	ASTM D 5147	lbf	130
Compound Stability	ASTM D 5147	215°F 102°C	No failure
Dimensional Stability	ASTM D 5147	%	0.1
Water Absorption max	ASTM D 5147	%	0.2
Solar Reflectance	ASTM E903	-	0.76
Emissivity	ASTM C1371	-	0.48
SRI	ASTM E1980	-	84



LEED INFORMATION

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 20%

Manufacturing Location: Bayamon, PR

Solar Reflectance Index: 84

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