

### 3. TOP

# GLASDAN® RM-4

## COMMERCIAL PRODUCT DATA SHEET



### DESCRIPTION

Glasdan RM-4 is a SBS modified bitumen top membrane with a fiberglass mat reinforcement, finished with ceramic granules on the top as a protection surface and a burn-off film or silica sand on the other side.

### PRODUCT USES

Glasdan RM-4 is a top membrane in a two-ply system and it is to be used in conjunction to Danosa Roofing Systems. The installation procedure is by means of a high heat propane torch, hot-mop or cold adhesive 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.

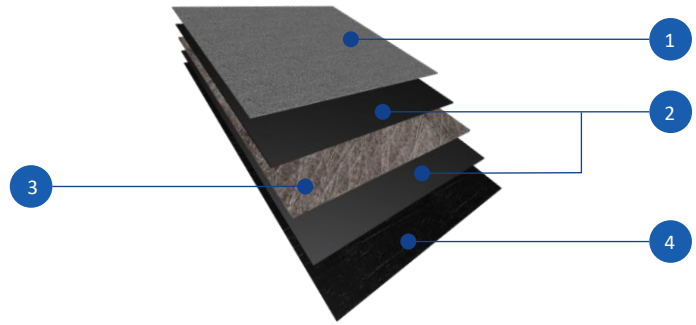
Pallet: 40 in x 48 in wooden pallet.  
Number Rolls Per Pallet: 20

### 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 RM-4 has excellent tensile strength and tear strength. The SBS blend provides waterproofing compound that has great elongation and recovery properties, allowing the product to expand and contract with thermal cycles. This product is specifically formulated and designed for the tropical weather and conditions. It has a very stable reinforcement.



- 1. Ceramic Granules
- 2. Modified bitumen
- 3. Fiberglass film
- 4. Burn-off film or sand

### COMMERCIAL PRODUCT INFORMATION

|                    |  |
|--------------------|--|
| Effective Coverage | 9.3 m <sup>2</sup> (100ft <sup>2</sup> ) |
| Weight per roll    | Avg: 100 lbs.                            |
| Roll Length        | 10.21m (33.5ft)                          |
| Roll Width         | Avg:1 meter (3.28ft)                     |
| Thickness          | Avg: 3.8mm (150 mils)                    |
| Selvage Surfacing  | Fiberglass film                          |
| Top Surfacing      | Ceramic Granules                         |
| Back Surfacing     | Burn-off or silica sand                  |

### PRODUCT APPROVALS

Glasdan RM-4 meets the specification ASTM D-6163, Grade G, Type I, and with the requirements of CGSB-37-GP-56M. Glasdan RM-4 is approved by Factory Mutual Research Corporation, Miami-Dade and Underwriters Laboratories for use in Danosa Approved Systems. 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.

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## PHYSICAL AND MECHANICAL PROPERTIES



| Property (As Manufactured)          | Test Method | Units               | Values     |
|-------------------------------------|-------------|---------------------|------------|
| Thickness                           | ASTM D 5147 | mils/mm             | 150/3.8    |
| Weight                              | ASTM D 146  | Lbs/ft <sup>2</sup> | 0.99       |
| Maximum Load @ 73°F                 | ASTM D 5147 | lbf/in              | 70         |
| Maximum Load @ 0°F                  | ASTM D 5147 | lbf/in              | 85         |
| Elongation @ Maximum Load, 73°F     | ASTM D 5147 | %                   | 4          |
| Tensile-Tear Strength               | ASTM D 5147 | lbf                 | 120        |
| Compound Stability                  | ASTM D 5147 | 215°F<br>102°C      | No failure |
| Dimensional Stability               | ASTM D 5147 | %                   | 0.1        |
| Granule Embedment<br>Max. Avg. Loss | ASTM D 5147 | gr./sample          | 1.7        |



### LEED INFORMATION

Post Consumer Recycled Content: 0%

Post Industrial Recycled Content: 10%

Manufacturing Location: Bayamon, PR

Solar Reflectance Index: 100\*

\*- when coated with our Danosa White Roof Coating

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