

## GUM 105

Self-Adhesive Bituminous Membrane

### GENERAL DESCRIPTION

AXEL GUM 105 is a high performance self-adhesive waterproofing membrane based on modified bitumen reinforced with a spun-bonded long fiber rot proof polyester.

### RECOMMENDED USES

- \* Flat or pitched roofs
- \* Decking
- \* Basement tanking systems
- \* New construction and renewal work

### CHARACTERISTICS & ADVANTAGES

- \* Easily and fast installed
- \* Flexible
- \* Durable
- \* Resistant to chlorides, sulphates, dilute alkalis and acids

### COVERAGE

20m<sup>2</sup> / roll

### COLOURS

Charcoal Black

### PACKING

20 meter x 1 meter per roll x 1.5mm thickness

### STORAGE

Store in a dry, cool and shaded place



### SURFACE PREPARATIONS

All surfaces must be free of grime, dust or other foreign materials. Any loose particles, laitance, curing compound or old membrane must be removed prior to installation of membrane. New concrete bases are cured for at least 28 days. Repair all cracks, unsound concrete, honeycombs or uneven surface with **AXEL EMBED 301R**.

### METHOD OF APPLICATION

- \* **AXEL GUM 105** can be loosely laid, partially adhered or fully bonded.
- \* For loose laid application, the rolls are unrolled over the roof surface. The membrane must be adequately ballasted against wind up lift. This membrane can be stuck directly over it, without the addition of hot bitumen, hence eliminating the potential dangers of boilers and buckets of hot bitumen on the roof. Care should be taken to avoid air being trapped beneath.
- \* For fully bonded application, first apply bitumen primer onto substrate and then stick the roll to the primed substrate.

#### **Notes :**

- \* Side overlaps must be 7 - 9cm wide and end overlaps 10 - 12cm. The polyethylene backing sheet must not be removed prior to application.

### CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened or cured material can only be mechanically removed.

### TECHNICAL SPECIFICATIONS

|                         |   |
|-------------------------|---|
| No. of components       | One   |
| Thickness               | 1.5 mm  |
| Length                  | 20 meter  |
| Width                   | 1 meter   |
| Weight                  | 1.6 kg/m <sup>2</sup>   |
| Adhesion strength       | > 0.5 N/mm  |
| Tensile strength        | ≥ 1 N/mm <sup>2</sup>   |
| Elongation at break     | > 500%  |
| Resistance              | Resistant to chlorides, sulphates, dilute alkalis and acids but not to hydrocarbon like solvents, gasoline etc. |
| Application temperature | 5-50°C  |

### SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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