

TORCH 106

Torch On Waterproofing Membrane

GENERAL DESCRIPTION

AXEL TORCH 106 is a high performance torch on 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

- * Strong
- * Easily installed
- * Flexible
- * Durable

COVERAGE

Theoretical coverage: Refer to technical specifications.

COLOURS

Black

PACKING

10 meter x 1 meter per roll Thickness: 3mm

STORAGE

Store in a dry, cool and shaded place

SHELF LIFE

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

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SURFACE PREPARATIONS

All surfaces must be free of grime, dust or other foreign materials.

METHOD OF APPLICATION

AXEL TORCH 106 can be loosely laid, partially adhered or fully bonded.

For loose laid application, the rolls are unrolled over the roof surface. The overlaps must be carefully sealed by torching. The membrane must be adequately ballasted against wind uplift. Partial adhesion is obtained by using the specially developed perforated under layer **AXEL PERFORATOR**

This membrane can be torched 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 flame torch the roll to the primed substrate. The flame heat must be applied evenly and within the right temperature range. A head of liquid bitumen must be visible on the underside of the roll. Finishes of the highest standard can easily be obtained.

NOTE:

Side overlaps must be 7 - 9cm wide and end overlaps 10 - 12cm. The polyethylene backing sheet must not be removed prior to application. It will melt away under the heat of the flame. Hence there is no waste material to be obtained.

CLEANNING OF TOOLS

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

TECHNICAL SPECIFICATIONS

No of components	One
Thickness	3.0 mm +/- 0.2
Length	10m +/- 0.5
Width	1m +/- 0.01
Weight	3.5kg/m ² +/- 0.2
Colours	Not applicable
Resistance to flame	Yes
Chemical resistance	Resistant to many chemical agents but not to hydrocarbons like solvents, gasoline, etc.
Heat flow resistance	140 degrees celsius
Tensile Strength	5.7 kN/m
Puncture resistance (UEAtc standard)	L4
Diffusion Resistance U	+/- 25,000

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