**BFT-1001® PVC L BA**

PRODUCT DATA SHEET

|  |
| --- |
| PVC Self Adhesive Membrane for Roofing Waterproofing |

**PRODUCT DESCRIPTION**

BFT-1001®, is a multi-layer, self-adhesive, weldable sheet membrane with a factory applied butyl rubber adhesive backing and siliconize polyethylene release liner. Contains ultraviolet light stabilizers to provide a colour stable, fast installation, low maintenance and durable membrane.

**Uses**

Roof waterproofing membrane for exposed flat roofs on smooth substrates

**CHARACTERISTICS/ADVANTAGE**

* Factory applied VOC free self adhesive system
* Resistant to permanent UV radiation ▪
* High water vapour permeability ▪
* Hot air welded no naked flames ▪
* Fast installation ▪
* Instant wind uplift resistance through the self-adhesive back in

|  |
| --- |
| **PRODUCT INFORMATION** |
| Packaging | Standard rolls are wrapped individually |
| Roll size | Length 15,00 mWidth 2,00 m |
| Structure | Top surface: PVC |
| Reinforce: none |
| Backing: Non-woven with butyl rubber adhesive |
| Shelf Life | 12 months from production date. |
| Storage Conditions | Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between + 5 °C and + 35 °C. Protect from direct sunlight, rain, snow and ice, etc. Store in a horizontal position. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage. Always refer to packaging |
| **TECHNICAL INFORMATION** |
| Tensile Strength | ≥120N/cm | **GB-12952-2011** |
| Elongation | ≥150% |
| Foldability at Low Temperature | -25 |
| Peel strength of coil from aluminum sheet under standard conditions | ≥1.5N/MM | **GB/T 23260-2009** |
| Heat resistance of self-adhesive surface | 70℃ |
| Tackiness | ≥15min |
| **APPLICATION INFORMATION** |
| Ambient Air Temperature | +5 °C min. / +60 °C max |
| Substrate Temperature | +5 °C min. / +60 °C max |
| Substrate Temperature | Waterproofing membrane not compatible with direct contact to other plastics, e.g. EPS, XPS & PF. Not resistant to tar, bitumen, oil and solvent containing materials. |

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

**APPLICATION INSTRUCTIONS**

**SUBSTRATE QUALITY**

The substrate surface/supporting layer must be uniform, smooth and free of any sharp protrusion or burrs, clean, dry and free of grease, bitumen, oil and dust. All layers of the roof build-up and substrate must be secured against wind uplift

The substrate must be one of the following materials:

* OSB
* Plywood

**APPLICATION METHOD / TOOLS**

**Welding overlap seams**

All membrane seam overlaps must be welded by using hand welding guns and pressure rollers or automatic heat welding machines, with individually adjustable and electronically controlled welding temperatures.

**LIMITATIONS**

* Do not apply to wet, damp or unclean surfaces.
* Do not apply to slopes over 20°
* Installation of some ancillary products, e.g. contact adhesives / cleaners are limited to temperatures above +5 °C.
* Be aware special measures may be compulsory for certain installations below +5 °C ambient temperature due to safety and national regulations