**BFT-1001® PVC L BA**

PRODUCT DATA SHEET

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| 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

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| **PRODUCT INFORMATION** | | | | | |
| Packaging | | Standard rolls are wrapped individually | | | |
| Roll size | | Length 15,00 m  Width 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