PRODUCT DATA SHEET

**Polyurethane Coating BFT-3400P**

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| High performance polyurethane , For exterior use only |

**PRODUCT DESCRIPTION**

**BFT-3400P** is a 1-part polyurethane, reinforced, cold-applied liquid membrane. It provides a flexible, seamless waterproofing solution Suitable for use in hot and tropical climatic conditions.

**Uses**

Designed for the following waterproofing applications:

* Roof and podium waterproofing for new construction and refurbishment projects
* Unreinforced waterproofing system for profiled metal roofs
* Reinforced waterproofing of flat and pitched roof structures, communal walkways, podium decks and roof terraces exposed to pedestrian traffic
* Waterproofing structures with numerous details, such as penetrations, drains, roof lights and complex geometry
* Waterproofing existing substrates of concrete, bituminous felt and coatings, brick, stone, asbestos cement, metal, wood, unglazed ceramic tiles
* For exterior use only

**CHARACTERISTICS / ADVANTAGES**

* 1-Part ready to use
* Low maintenance
* Seamless
* Easy and quick application by brush, roller or spray
* Good UV resistance and colour stability
* Retains flexibility at low temperatures
* Cold applied - requires no heat or flame
* Good elastic properties ▪
* Low temperature application > +2 °C ▪

**TECHNICAL INFORMATION & TESTING**

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| **PRODUCT INFORMATION** |
| Packaging  | 5 GAL |
| Shelf Life | 12 months from date of production if stored properly. |
| Storage Conditions | Store dry between 40 °F (4 °C) and 95 °F (35 °C) at 50 % R.H. Place in a cool, dark and dry spot, Keep away from open flame. |
| **PROPERTY** | **VALUE** | **TEST METHOD** |
| Density  | ~1.26 kg/l (value at +25 °C) | ISO/R 2811-1 |
| Solid content by volume | ~85% | ISO 3251 |
| Skintime | ≤12h | GB 19250-2013 |
| Curing time | ≤24h |
| **CURED MECHANICAL PROPERTIES** |
| Tensile Strength | 2MPa | GB/T 528 / ISO 37 |
| Elongation to Break | 450% |
| Tear strength  | 15N/mm | GB/T 529 / ISO 34 |

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**

**SURFACE PREPARATION:**

Surfaces must be clean, dry and free from all traces of grease, oil and dust. As a rule, the substrates must be prepared in accordance with the instructions given in the current Primer Chart.

**SUITABLE SUBSTRATES:**

Cementitious, concrete, bituminous felt and coatings, brick, stone, asbestos cement,

metal, wood, unglazed ceramic tiles

**MIXING**

Before application, mix for at least 2 minutes or until

the liquid and all the coloured pigment have achieved a uniform colour.

**CLEANING OF EQUIPMENT**

Clean all tools and application equipment with Thinner C or xylene immediately after use. Hardened material can only be removed mechanically or with a proprietary paint stripper

**Limitation**

* Do not dilute with any solvent.
* Do not apply near to running air intakes of air conditioning units. Switch off units and seal intakes before applying.
* All areas requiring an anticorrosive protection system must be applied directly to a prepared bright metal finish
* Do not apply on substrates with rising moisture orare not stable.