PRODUCT DATA SHEET

**Polyurethane sealant -BFT-2600®**

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| One part advanced polyurethane, elastomeric sealant/adhesive |

**PRODUCT DESCRIPTION**

BFT-2600® is a one-component, gun-grade, adhesive and sealing compound of permanent elasticity. This dual-purpose material is based on a special moisture-cured polyurethane with an accelerated curing time.

**Uses**

As an elastic adhesive for:

* Cover plates, gaskets and coverings.
* Acoustic ceiling tiles.
* Floor moldings and door sills.
* Light weight construction materials.
* Wood or metal and door frames.
* Roof tiles.

As an elastic joint sealer for:

* Air ducts and high vacuum systems.
* Containers, tanks, and silos.
* Gaskets in openings in walls or floors for ducts, piling,etc.
* Reservoirs or water retaining structures
* Aluminum fabrication.
* Bolted lap joints.

**CHARACTERISTICS / ADVANTAGES**

* Excellent adhesion on all cement-based materials,
* brick, ceramics, glass, metals, wood, epoxy, polyester and acrylic resin.
* Fast cure rate.
* Good weathering and water resistance.
* Non-corrosive.
* Can be painted over with water, oil, and rubber-based paints. (Preliminary tests recommended).
* High durability.
* Can be used in tamper resistant joints.

**TECHNICAL INFORMATION & TESTING**

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| **PRODUCT INFORMATION** |
| **Packaging**  | 600ml(870g) per pieces20 pieces per box |
| **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. |
| **Color** | White/Grey |
| **PROPERTY** | **VALUE** | **TEST METHOD** |
| **Density**  | ~1.45 kg/l (value at +25 °C) | ISO/R 1183 |
| **Curing** |
| Skintime1) | 38 minutes | JB/T 7311 |
| **Cured Mechanical Properties** |
| Shore A Hardness | 40-45 | GB/T 531 / ISO 7619 |
| Tensile Strength | 1.5MPa | GB/T 528 / ISO 37 |
| Elongation to Break | 600% |
| Tear strength  | 8N/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.

**Application:**

Cut off the tip of the nozzle to suit joint width and apply the sealant into the joint with a suitable hand operated or compressed-air gun, taking care to avoid air entrap-men. The optimum temperature for substrate and sealant is between 15 °C and 25 °C.

Once opened, packs should be used up within a relatively short space of time.

**Clean-Up**

Methyl ethyl ketone, ISO-propanol are useful in any cleanup of 190, blends of solvents will perform better than simple solvents.