



www.bftbuilding.com  
bft@bigfirtree.net  
WhatsApp:0086-19959722622

## PRODUCT DATA SHEET

# BFT - 28020

SAFE, ENVIRONMENTALLY FRIENDLY AND HIGH PERFORMANCE.

### PRODUCT DESCRIPTION

BFT - 28020 is a modified composite one-component adhesive, which reacts with moisture in the air to form an elastomer. The surface film forming and curing time depends on the ambient temperature and humidity, and the curing time also depends on the depth of the joint. Increasing temperature and humidity can shorten the surface film forming and curing time

### CHARACTERISTICS/ADVANTAGE

- Excellent aging resistance, durable
- Wide bonding range and wide applicability
- Simple operation, excellent construction performance
- Environmentally friendly  
No solvents, isocyanates, etc., low VOC
- Surface coating, non-polluting to the substrate



### Uses

- Joint sealing of moldy parts, such as kitchen and bathroom,
- Waterproof sealing of humid environment
- Weld and joint sealing of automobile bodies, railway carriages, container manufacturing, shipbuilding, metal components;
- Sealing of equipment, electronics, air conditioning and ventilation industries;
- The bonding and fixing of kitchen, bathroom, clock, mirror, picture frame, lamps, calligraphy and painting, signs and other decorative pendants with the cement base surface of the wall and the ceramic tile stone.

BFTBUILDING

Address: No 207, Donghai Industrial Area,  
Fengze, Quanzhou, Fujian, China 362000



www.bftbuilding.com  
bft@bigfirtree.net  
WhatsApp:0086-19959722622

## TECHNICAL INFORMATION & TESTING

### PRODUCT INFORMATION

<b>Packaging</b>	600ml(900g) per pieces 20 pieces per box
<b>Shelf Life</b>	12 months from date of production if stored properly.
<b>Storage Conditions</b>	Store dry between 40 °F (5 °C) and 80 °F (27 °C) at 50 % R.H. Place in a cool, dark and dry spot, Keep away from open flame.
<b>Color</b>	White/Grey/Black

PROPERTY	VALUE	TEST METHOD
----------	-------	-------------

<b>Density</b>	~1.5±0.1 kg/m <sup>3</sup> (value at +25 °C)	ISO/R 1183
<b>Solid Content</b>	100%	/

### Curing

Skintime	≤60 minutes	GB/T 13477.5-2002
Rate of cure	≥3 mm per 24 hrs.	

### Cured Mechanical Properties

Shore A Hardness	≥35	GB/T 531 / ISO 7619
Tensile Strength	≥1.5MPa	
Elongation to Break	≥300%	GB/T 528 / ISO 37
100% Tensile Modulus	> 0.8MPa	
Shearing Strength	≥1.5Mpa	GB/T 7124-2008
Dielectric Strength	≥15kV/mm	GB/T 1692-2008
Volume Resistivity	≥1.0*10 <sup>10</sup> Ω.cm	

### Thermal Service Range

Service temperature (continuous)	-40°C to +100°C	/
----------------------------------	-----------------	---

BFTBUILDING

Address: No 207, Donghai Industrial Area,  
Fengze, Quanzhou, Fujian, China 362000



www.bftbuilding.com  
bft@bigfirtree.net  
WhatsApp:0086-19959722622

---

Operating temperature 5 °C to +40°C

---

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

## Curing Profile

BFT - 28020 cures on exposure to atmospheric humidity. Within minutes of application the material skins over and starts to form into a durable elastomer.

When the humidity level is low the cure times will be lower.

Contact BFT technical support for additional recommendations.

## 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 entrapment. 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.

THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY "SUPPLIER"), ARE SOLD SUBJECT TO SUPPLIER'S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER'S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBE HEREIN.

Each user bears full responsibility for making its own determination as to the suitability of Supplier's materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier's products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

BFTBUILDING

Address: No 207, Donghai Industrial Area,  
Fengze, Quanzhou, Fujian, China 362000