



## 8.03 FAST JOINT-FILL

### *Joint Sealant Compound (Hot Applied)*

#### PRODUCT DESCRIPTION

FAST JOINT-FILL is a rubberized bitumen hot applied horizontal joint sealant compound designed to be tough, flexible and have good extension properties over a wide range of temperature conditions.

- Good low temperature flexibility
- Good recovery properties
- Prevents entry of water and deleterious substances
- No primer required

#### TYPICAL PROPERTIES

Pouring temperature: 170/180°C  
Safe heating temperature: 190°C

#### USES

FAST JOINT-FILL is used for sealing horizontal expansion joints on concrete and asphalt pavements where low movement is expected.

#### INSTRUCTION FOR USE

##### Joint Preparation

The recommendations given in Appendix G of BS 2499:1973 should be followed to achieve the correct performance. More thorough advice is given in part 2 of the 1993 version of BS2499: Hot applied joint sealant systems for concrete pavements.

Joints must be cleaned by a hot compressed air lance or by grit blasting. Damaged joints must be repaired using an epoxy mortar approved by FastChem.

#### Preparation and Application of FAST Joint-fill

FAST JOINT-FILL compound should be heated indirectly and agitated in a purpose-built sealant preheater unit with thermostatic control. Ensure that the temperature does not exceed 190°C. The heater unit should be oil-jacketed. The material should then be pumped into the joint, or poured using a melter pourer or bucket and “V” mould, with the minimum loss of temperature. Joints should be sealed to a level of approximately 3mm below the surface.

#### Approx. Usage Rates for FAST JOINT-FILL

Weight of FAST Joint-fill sealant to fill 100m long joint (kg)						
Depth of Joint (mm)	Width of Joint (mm)					
	15	20	25	30	35	40
20	36	48	60	72	84	96
25			75	90	105	120
30				108	126	144
35					147	168
40						192



# FastChem Technologies

The Fast Chemistry for Construction

## SPECIFICATIONS

TEST	SPECIFICATION
Cone Penetration (25°C, 150g)	25 to 50dmm
Flow (Mould Method at 45°C)	Less than 15%
Extension Test (0°C, ASTM D1191)	Pass
Density	Typically 1.2g/cm <sup>3</sup> at 25°C
Softening Point	Typically 70 to 90°C

## PACKAGING & STORAGE

FAST JOINTFILL is supplied in plastic lined paper sacks holding 20kg (nominal) of material. Remove paper and put into heating equipment.

Keep in dry store under cover.

## WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FastChem Construction Chemicals ("FastChem") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond FastChem's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. FastChem shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. FastChem's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

FastChem Technologies (Pvt) Ltd. Pakistan  
Head Office Lahore:  
20-A. Commercial Area Pak Arab Housing  
Society Lahore.  
Tel: 92(42)35803536 Mob: +92-322-4321261



المكتب للشرق الاوسط  
404، سوق، البحر، برج الخليفة،  
دبي، متحده عرب الامارات،  
رقم البريد: 487177

Website: [www.fastchemtechnologies.com](http://www.fastchemtechnologies.com), Email: [info@fastchemtechnologies.com](mailto:info@fastchemtechnologies.com)