

# COLAS PRODUCTS DATA SHEET

## JOINTFILL A2



**Jointfill A2** is a hot applied rubberised bitumen compound designed to be tough, flexible and have good extension properties over a wide range of temperature conditions. It is used for sealing horizontal expansion joints on concrete and asphalt pavements where low movement is expected.

**Jointfill A2** prevents entry of water and other materials, it has good recovery properties and low temperature flexibility. **Jointfill A2** is not recommended for overbanding due to its lack of skid resistance, **Jointgrip OB** is recommended for this application due to its superior skid resistance properties.

### WHERE TO USE?

- Carriageways
- Car parks
- Footways

### PREPARATION

Damaged joints must be repaired using an epoxy mortar approved by Colas. If necessary joints should also be treated by grit blasting. Joints and cracks should always be thoroughly cleaned and dried with a hot compressed air lance in order to remove all moisture and dirt. This process should be carried out immediately prior to the application of **Jointfill A2**. Concrete joints should be primed with **CP Primer** before applying **Jointfill A2**.

### APPLICATION

**Jointfill A2** should be heated indirectly and agitated in a purpose-built sealant preheater unit with thermostatic control. Ensuring that the temperature does not exceed 190°C. The heater unit should be air-jacketed or oil-jacketed. The materials should then be pumped in to the joint, or poured at temperatures between 170-190°C using a melter pourer or bucket with a 'V' lip, with the minimum loss of temperature. Joints should be sealed to a level of at least 3mm below the surface.

More thorough advice is given in BS2499-2:1992 Hot Applied Joint Sealant Systems for Concrete Pavements. Code of Practice for Application and Use of Joint Sealants.

Application Properties	
Pouring temperature	170°C - 190°C
Safe heating temperature	185°C for 6 hours maximum 190°C maximum temperature

### COVERAGE

Weight of Jointfill A2 Sealant to fill 100m 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

### PACKAGING

**Jointfill A2** is supplied in plastic lined paper sacks holding 20kg (nominal) of material. Remove paper and put in to heating equipment.

### STORAGE

Keep in dry store under cover.

### STANDARDS

**Jointfill A2** is manufactured on a purpose-built plant to an ISO 9001 quality system which covers all Colas manufactured products. Under this system all batches undergo rigorous QC testing before being released for use. If a BS EN14188-1:2004 product is required see **Jointfill N1**.

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Test Name	Specification
Softening point (Ring and Ball)	Typically 70 - 90°C
Cone penetration (25°C, 150g)	25 - 50mm
Flow resistance (Mould Method at 45°C)	<15%
Extension test (0°C, ASTM D1191)	Pass 3 cycles
Density	Typically 1.2g/cm <sup>3</sup> at 25°C

### SAFETY

#### SAFETY HANDLING PRECAUTIONS (when hot)

- Wear suitable protective clothing (heat resistant gauntlet gloves, overalls, protective footwear, face visor)
- DO NOT allow water to contact hot material
- DO NOT exceed maximum safe heating temperature
- If molten material contacts skin:
  - DO NOT attempt to remove
  - Immerse affected area in cold running water for at least 10 minutes
  - Seek medical advice without delay

NB: This product is hazardous for transportation when carried at temperatures above 100°C.

For full safety information please request the **Jointfill A2** Safety Data Sheet 06 using the contact information below.

#### NATIONAL SALES OFFICE

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