

# Jointfill A2

## Joint Sealant Compound

**Colas Jointfill A2** is a rubberised 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

### Uses

**Colas Jointfill A2** is used for sealing horizontal expansion joints on concrete and asphalt pavements where low movement is expected.

### Application Properties

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

### Specification

#### Test

Cone Penetration (25°C, 150g)  
Flow (Mould Method at 45°C)  
Extension Test (0°C, ASTM D1191)  
Density  
Softening Point

#### Specification

25 to 50dmm  
Less than 15%  
Pass  
Typically 1.2g/cm<sup>3</sup> at 25°C  
Typically 70 to 90°C

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Registered user of trade marks

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**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 Colas.

**Preparation and Application of Colas Jointfill A2**

The joint sealant 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.

**Approximate Usage Rates for Jointfill A2**

Weight of Jointfill A2 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

**Packaging**

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

**Storage**

Keep in dry store under cover.

**Safety**

Colas Jointfill A2 is not classified as hazardous, but care is required while it is hot. For full safety information, please refer to Colas Safety Data Sheet 6.

Jointgrip 55 is also available from Colas for overband sealing and gives a minimum skid resistance value (SRV) of 55.