

# COLAS PRODUCTS DATA SHEET

## STUD GROUT



**Stud Grout** is a hot applied bituminous compound which secures reflective road studs.

**Stud Grout** has been developed in order to solve the pouring and setting problems encountered with some bitumen grouting materials. Adhesion, flow and pouring properties have been improved whilst still retaining recommended softening point and penetration characteristics.

### WHERE TO USE?

- To secure all types of setts and cobbles

### PREPARATION

When grouting road studs, use the road stud manufacturer's installation instructions ensuring that studs are dry and clean.

### APPLICATION

**Stud Grout** should be heated indirectly and agitated/stirred in a purpose-built sealant preheater-unit with thermostatic control to ensure that solids are evenly dispersed throughout the pouring material at all times. The heater unit should be air-jacketed or oil-jacketed. Ensure that the temperature does not exceed 190°C as this will result in hardening and loss of elasticity.

The materials should then be pumped into the joint, or poured at temperatures between 170-180°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. In cold conditions the temperature of the **Stud Grout** should be raised accordingly and in frosty weather this could well be up to, but not above, 190°C to counteract the chilling effect the stud will have on the poured grout.

### COVERAGE

Spread Rate - refer to road stud manufacturer's guidance.

### PACKAGING

**Stud Grout** is available in 25kg (nominal) paper sacks or as a shrink-wrapped pallet (40 x 25kg).

### STORAGE

Keep in dry store under cover.

### STANDARDS

**Stud Grout** is a proprietary product produced to a manufacturing system accredited to ISO9001.

### 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 **Stud Grout** Safety Data Sheet 33 using the contact information below.

#### NATIONAL SALES OFFICE

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