



The mark of enduring quality

Road Studs

# Stimsonite® Inset Stud

## APPLICATION INSTRUCTIONS

### PRODUCT

Stimsonite® 381 C80 Reflective Inset Stud

### DESCRIPTION

- The model, 381 C80, is a reflective road stud fully compliant with BS EN 1463 and type approved by the UK Department of Transport.
- The product consists of a metal housing with a reflective insert.
- It is classified under BS EN 1461 as P3A, which is a recessed, non-depressible road stud with a plastic reflector. It is available with white, green, amber, and red reflectors in unidirectional and bi-directional configurations as required.
- It can be installed in both asphalt and concrete road surfaces.

### INSTALLATION

- Ensure that the road surface is dry and in good condition.
- Mark out the location for the road stud.
- Position the truck mounted vertical rotary cutter over the road stud location and mill a hole in the road surface approximately 150mm in diameter and 25mm deep, then, using the cutter in a longitudinal direction, create a slot in the road surface approximately 200mm long, 150mm wide, and 25mm deep.
- Remove all debris from the milled recess using the truck mounted vacuum system.
- Check the fitting of the road stud in the recess, ensuring that there is clearance around the perimeter of the base and the top surface of the lead-in of the housing is at or slightly below the level of the road surface.

**IMPORTANT:** The top of the road stud must not protrude more than 20mm above the road surface.

- Using a suitable mechanically agitated pre-heater, melt the required amount of Stimsonite® Road Stud Adhesive to an application temperature of 190°C to 200°C.
- Pour the melted adhesive into the recess and immediately place the road stud into the recess, pressing down to disperse adhesive around the perimeter of the housing.
- Once the road stud is seated, pour adhesive around the outside of the housing to completely seal the edges. Do not allow excess adhesive to obscure the reflector faces.