



# Idenden 10-02

## HIGH TEMPERATURE ADHESIVE

TECHNICAL SHEET NO: TDS00686 25/10/2024

### SMART ADVANTAGES

- Quick and easy application
- Non-combustible dried film
- Wide service temperature range

### DESCRIPTION

Bostik 10-02 High Temperature Adhesive is a sodium silicate adhesive of buttery consistency suitable for use in high temperature applications. It can be used for bonding fibrous insulation materials, calcium silicate or magnesia insulation to galvanised ducting, unpainted steel, concrete and brickwork.



### TECHNICAL CHARACTERISTICS

<b>Colour</b>	Off white
<b>Form</b>	Heavy paste
<b>Specific gravity</b>	1.7 approx.
<b>Composition</b>	Sodium silicate base with inert fillers
<b>Application temperature</b>	Above +5°C
<b>Service temperature</b>	0°C to +960°C (depending on operating conditions)
<b>Drying time</b>	Bond: 0 to 5 minutes Through dry: 8 to 12 hours (depending on adhesive thickness and drying conditions)
<b>Fire tests</b>	Independently tested to BS 476: Part 4 – Non combustible  When tested on product coated onto calcium silicate boards in one coats, at 2.5m <sup>2</sup> per litre. Results will vary when applied at different rates and/or onto other substrates

### COVERAGE

- 2.5m<sup>2</sup> per litre  
(depending on substrate, application technique and performance requirements)

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## APPLICATION

**IMPORTANT:** Before using Bostik 10-02 High Temperature Adhesive refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://www.bostik.com/uk).

## PREPARATION

- Surfaces must be clean, dry and free from dust, oil, grease and any loose materials.
- Stir the adhesive thoroughly before use.
- Bostik 10-02 High Temperature Adhesive dries to form a hard and brittle film and is therefore unsuitable for joints liable to movement. The dried film is not waterproof, so Bostik 10-02 High Temperature Adhesive is only suitable for use in dry locations.

## APPLICATION

- Apply evenly over the surface to be bonded using a brush or flat bladed tool, at a rate of 2.5m<sup>2</sup> per litre.
- Press insulation into place within 2 to 3 minutes. This type of adhesive does not have a strong initial tack and some support may be necessary for high density materials.

## CLEANING

- Clean tools and equipment with warm water immediately after use. Remove excess adhesive whilst it is still wet. Cured adhesive can be removed with water.

## STORAGE

- Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 18 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost.

## PRECAUTIONS IN USE

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.com/uk](http://www.bostik.com/uk) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik 10-02 High Temperature Adhesive, available at [www.bostik.com/uk](http://www.bostik.com/uk).

## PACKAGING

<b>Product codes</b>	30813399	5 litre buckets
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