



Idenden 10-02

HIGH TEMPERATURE ADHESIVE

TECHNICAL SHEET NO: TDS00686 04/07/2025

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

Colour	Off white
Form	Heavy paste
Specific gravity	1.7 approx.
Composition	Sodium silicate base with inert fillers
Application temperature	Above +5°C
Service temperature	0°C to +960°C (depending on operating conditions)
Drying time	Bond: 0 to 5 minutes Through dry: 8 to 12 hours (depending on adhesive thickness and drying conditions)
Fire tests	Independently tested and classified according to EN 13501-1:2018: Class A1 / A1FL This classification only applies for the product tested as per the field of application covered in the classification report 549637. Results will vary when deviating from these conditions

COVERAGE

- 2.5m² per litre
(depending on substrate, application technique and performance requirements)

APPLICATION

IMPORTANT: Before using Bostik 10-02 High Temperature Adhesive refer to the relevant Health & Safety Data Sheet, available at 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 2.5m² 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 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.

PACKAGING

Product codes	30813399	5 litre buckets

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