



Anglo Adhesives & Services Ltd.

INDUSTRIAL ADHESIVE MANUFACTURERS - CONTRACT FILLING AND PACKAGING

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TECHNICAL DATA SHEET

HOWSTIK 230 NF Insulation Bonding Adhesive

Introduction:

Howstik 230 NF is a viscous solvent based high quality Insulation Adhesive.

Applications:

Howstik 230 NF has been especially developed for bonding/fixing insulation materials, including expanded polystyrene and 'Oppanol' to smooth internal surfaces of various types.

Howstik 230 NF does not attack polystyrene and gives good strong bonds between aluminium foil, aluminium reinforced foil and expanded polystyrene.

Small area trials should be carried out to prove the suitability of **Howstik 230 NF** prior to bonding large areas.

Safety:

IMPORTANT: Before embarking on any work involving **Howstik 230 NF**, the Safety Data Sheet should be carefully studied by those carrying out the work.

Method of Use:

Surface Preparation:

Surfaces to be coated should be clean, dry and free from dust and grease.

Howstik 230 NF should be stirred well before use. The adhesive can be applied by serrated spreader or by hand roller applicator. The adhesive should be applied to both surfaces and left for a short while (until tacky) before bringing the two surfaces together. 'Blobbing' of the adhesive is not recommended. The temperature should not exceed 25°C, whilst fixing or for the next 48 hours.

NOTE: Where abnormal loads, stresses or service temperatures above 40°C are likely to occur, additional mechanical support such as pins or bands maybe required.

The adhesive should not be used in permanently damp conditions.

Polymer Base

Natural

Solids

32% approx.

Viscosity

**32,000 mPa.s
approx.**

Specific Gravity

0.81 approx.

Flammability

**Highly
Flammable**

Storage

5 - 25°C

Shelf Life

12 Months

Features:

Drying time is about 5 minutes depending on conditions and surface type.

Service temperature range is between -20°C and +60°C.

Tack retention time is about 15 minutes.

Coverage is approx. 3 m²/Litre.

The dried adhesive film is fire retardant.

Precautions:

Isolate from source of heat, naked flames and sparks. Used under conditions of efficient ventilation toxic limits should not normally be exceeded. Avoid excessive inhalation of vapour. Avoid contact with skin and eyes. Do not ingest. Store the adhesive in its original sealed container in a dry, well ventilated flameproof area in the temperature range of 5 – 25°C.

Cleaner

Anglo PS 100 (see separate Safety Data Sheet).

Coverage:

3 m²/L depending on porosity and surface of substrate.

Packaging:

For current pack sizes, please contact our Customer Service Department.

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Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for loss or damage that may result from the use of the information, due to the responsibility of variations of processing or working conditions and/or workmanship outside our control. Users are advised to confirm the suitability of this product by their own tests.