

J-Foam 3087 A+B

1. DESCRIPTION

J-Foam 3087 A+B is a two part polyurethane system (containing flame retardant additive) which reacts at room temperature to produce a high density flexible foam with an integral skin.

2. ADVANTAGES

- Flexible cast with a firm integral skin.
- Natural colour for easy pigmentation.
- Easily cast from silicone, fibre glass and plaster moulds.
- Ideal for reproduction of props requiring a firm skin.

3. APPLICATIONS

Casting of film or theatre props where a flexible moulding with a firm integral skin is required.

4. CHARACTERISTICS

a) CONSTITUENTS:

	Part A Polyol	Part B Isocyanate
Appearance	Viscous fluid	Viscous fluid
Colour	Translucent	Amber
Specific gravity /gcm ⁻³ @ 25°C	1.03	1.22
Viscosity /mPa @ 25°C	1000	220

b) MIXING AT 21°C

Part A / w/w	Part B / w/w	Cream Tim / Secs	Rise Time / Secs	Free Rise Density Kg/m ³
75	25	18	95	155

Prior to mixing it is important to stir part A for at least ten minutes to ensure adequate mixing of its components. Pigmentation should be added to the polyol prior to adding the isocyanate.

When mixing J-Foam 3087 parts A & B a vigorous action is required to ensure adequate homogenization. In an open mould J-Foam 3087 will expand to the free rise density. Thus for greater densities than 155g/Li, more product should be added. Some variation in reactivity may result from different degrees of intensity of mixing.

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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5. PACKING

J-Foam 3087 A+B is supplied in metal containers as:-

6kg A + 2kg B to make an 8.0 kg kit.

6. HEALTH & SAFETY

(Refer to Health & Safety Data Sheet)

Both components are sensitive to moisture and should be stored in dry environment. Partly used containers should be resealed immediately after use. It should be thoroughly mixed by rolling the drum before use, as some separation can occur on standing.

J-Foam 3087 A+B uses a diphenylmethane 4, 4-diisocyanate hardener which requires certain health & safety considerations.

- i. Keep working area well ventilated
- ii. Avoid contact with skin, eyes and clothing.
- iii. Wear suitable protective clothing.
- iv. Keep away from food, drink and animal foodstuffs.
- v. In case of eye contact, rinse thoroughly.
- vi. In case of skin contact, wash with soap and water.
- vii. If any irritation persists, or if you feel unwell after using this product, seek medical advice.

Please refer to health and safety data before use.

7. SHELF LIFE

J-Foam 3087 A + B has a minimum shelf life of three months when stored in the original unopened containers at a temperature between 18°C and 30°C.

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