



Data Sheet

Base	Polyurethane
Consistency	Stable Foam, Thixotropic
Curing system	Moisture Cure
Skin Formation (20°C/65%R.H.)	Ca. 8 minutes
Drying Time (20°C/65%R.H.)	Dust free after 20-25 minutes
Curing Rate (20°C/65%R.H.)	1 Hour for 30mm bead
Yield	1000ml yields 35-40 L cured foam
Shrink	None
Post expansion	None
Cellular Structure	Ca. 70-80% closed cells
Specific Gravity	Ca. 25kg/m ³ (extruded, fully cured)
Temperature Resistance	-40°C to +90°C when cured
Colour	Champagne
Fire Class (DIN4102 Part2)	B3
Insulation Factor	Ca. 32 mW/m. K
Shear Strength (DIN53427)	17 N/cm ²
Pressure Strength (DIN534210)	3 N/cm ²
Bowing Strength (DIN53423)	7 N/cm ²
Water Absorption (DIN53429)	1% Vol.
Acoustic Rating	R _{ST,W} = 58dB

Product

JCP B3 Foam with CFC free propellant is a one component, self-expanding, ready to use polyurethane foam. It contains CFC free propellants which are completely harmless to the ozone layer.

Characteristics

- Excellent adhesion on most substrates (except PTFE, PE and PP)
- High thermal and acoustic insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)
- Very precise application as gun applied system

Application Areas

Installing of window and door frames.
Filling of cavities
Sealing of all openings in roof construction
Creation of a soundproof screen
Sealing around pipes and cables
Improving thermal insulation in cooling systems

Packaging

Aerosol can 750ml net

Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Always store can with valve pointing upwards

SALES OFFICES

Dartford 01322 277733
Elland 01422 370121
Milton Keynes 01908 330050

Stone 01785 819819
Swindon 01793 527829





JCP CONSTRUCTION PRODUCTS

B3 Expanding Foam

Application

Shake the aerosol can for at least 20 seconds. Fit the gun on the adaptor or screw on nozzle. Moisten surfaces with a water spray prior to application. Fill holes and cavities for 65%, as the foam will expand.

Repeat shaking during application. If several layers are required repeat moistening with water between each layer. Fresh foam can be removed using JCP Polyurethane Cleaner or acetone. Cured foam can only be removed mechanically. Working temperature +5°C to +35°C. (+20°C to +25°C recommended)

Health and Safety recommendations

- Apply the usual industrial hygiene
- Wear gloves and safety goggles
- Removed cured foam by mechanical means only, never burn away.
- Consult the label for more information

Remarks

- Work in layers and moisten after each layer
- Cured PU-foam must be protected from UV-radiation by painting or applying a layer of sealant (silicone, MS Polymer, acrylic and PU sealant)
- Follow the cleaning and storage instructions included in the Applicator Gun box.