



Expanding Foam

Code 830 Gun Grade 750ml can
Code 829 Hand Held 750ml can

An easy to use, Polyurethane based Expanding Foam for general Construction and Home Improvement applications.

USES: FILLING large, irregular or awkward gaps where the foam will expand to completely fill the cavity. FIXING window and door frames and boards. INSULATING between brickwork and cladding, around ductwork and through cavities carrying pipes and cables. BACKING as a joint backing material, can be used with all types of sealant.

COLOUR: Green
PACKAGING: Gun Grade 700ml canister packed 1 x 12.

PREPARATION

Ensure surfaces to be treated are free from grease, dust and loose material. **IMPORTANT** - moisten surfaces well before use as this improves adhesion and finished cell structure of the foam.

APPLICATION

METHOD - Shake can well before and during use. Turn can of foam upside down and fix onto the applicator gun ensuring that the threads are lined up. Do not over tighten, you should hear the foam connecting with the gun. To regulate the flow of the foam loosen the valve at the back of the handle. Only use in temperatures of + 5°C to + 30°C. **FILLING** - fill the hole half full of foam as it will expand and totally fill the hole. **FIXING** - When fixing door and window frames use wedges to hold the frame in place until full cure is reached, approximately 24 hours.

FINISHING

Can be cut or plastered over when cured. It is the user's responsibility to dispose of all packaging correctly.

LIMITATIONS

Cured foam can only be removed mechanically therefore care should be taken to protect surrounding surfaces. When exposed to sunlight apply sealant or render within 7 days as the foam is not resistant to ultra violet light.

CARE AND MAINTENANCE

NEVER leave the gun separated from a can of foam without immediately cleaning the gun thoroughly.

DO NOT use a metal hammer to release the can from the gun adapter thread. If necessary tap gently with a nylon hammer. DO NOT attempt DIY repairs to the gun, return to supplier. Normally the gun should always be left attached to a can foam to ensure that the entire system is enclosed. To re-use simply break the nib of foam at the end of the gun applicator nozzle, shake can and start application. Periodically the gun should be cleaned thoroughly by attaching a can of SX Gun Cleaner and pressing the trigger several times until all the foam remains have dissolved. This operation should be undertaken before storing the gun.

HEALTH & SAFETY

CAUTION

HARMFUL - EXTREMELY FLAMMABLE

Keep away from all sources ignition.
No Smoking.
Without adequate ventilation formation of explosive mixtures may be possible.
Do not spray on a naked flame or any incandescent material.
Pressurised container.
Do not pierce or burn even after use.
Protect from sunlight and do not expose to temperatures exceeding +50°C.
Cover carpet before use.
Keep out of the reach of children.

IRRITANT

Contains isocyanates.
Wear goggles and gloves during use.
Harmful by inhalation, irritating to eyes, respiratory system and skin.
May cause sensitisation by inhalation and skin contact.
In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice.
In case of insufficient ventilation wear suitable respiratory equipment.

All products supplied by Biokil Crown Ltd are of high quality. The Company however cannot govern the conditions of usage and application of its products and any warrant written or implied covers materials only. The information contained in this leaflet is given in good faith but no liability can be assumed by the Company for any damage, loss or injury or patent infringement arising from its use.



TECHNICAL DATA



In case of accident or if one feels unwell, seek medical advice immediately (show the can label where possible).

TECHNICAL DATA	EXPANDING FOAM
Specific Gravity (DIN 54320)	15-19kg/m ² free foamed, 19-24kg/m ² foamed into joints
Foam Character	Thixotropic. No slump at vertical joints
Yield	750ml gives approx 30 litres free-foamed at 20°C
Expansion	1:30
Cell structure	60-70% equally closed cells
Tack Free Time	After 15 minutes, subject to temperature and humidity + joint width
Curing Time	1-24 hours, subject to composition, coat thickness and humidity
UV Resistance	Poor
Tensile Strength (DIN 53455)	0,1-0,2 Mpa
Bending Strength (DIN 53423)	n/a.
Shear Strength (DIN 53422)	n/a
Lambda Value (DIN 52612)	0.027 K.cal./mh°C
Flammability Class (DIN 4102)	B3
Application Temperature	+ 5°C to + 35°C
Temperature resistance after curing	-40°C to +90°C
Cleaning	Uncured foam foam Cleaner or Acetone
Shelf Life	12 months
Storage	Cool dry conditions, +12°C to +25°C
Maximum Joint Width	40mm
Minimum Joint Width	6mm

All products supplied by Biokil Crown Ltd are of high quality. The Company however cannot govern the conditions of usage and application of its products and any warrant written or implied covers materials only. The information contained in this leaflet is given in good faith but no liability can be assumed by the Company for any damage, loss or injury or patent infringement arising from its use.