

TECHNICAL DATA SHEET

GUN GRADE FOAM

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Description:

An easy to use, polyurethane based expanding foam for general construction and home improvement applications. Must only be used with a gun grade applicator.

Uses:

Filling large, irregular or awkward gaps where the foam will expand to completely fill the cavity. Fixing window frames, loose tiles and boards. Insulating between brickwork and cladding around ductwork and through cavities carrying pipes and cables. Backing in low expanding joints, can be used as a backing material in all types of sealant applications.

Colour:

Green

Packaging:

12 x 750ml canisters per box

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. Use in well-ventilated areas away from all sources of ignition, including pilot lights. Protect skin during use. Always wear gloves and safety glasses. Wear suitable workwear. Cover carpets and all household furnishings before use. Keep out of the reach of children. Follow instructions carefully. Read caution information. Do not puncture.

Application:

Method

Shake the can intensively at least 30 times prior to use. Turn can of foam upside down and fix onto the applicator gun ensuring that the threads are lined up. To regulate the flow of the foam loosen the valve of the back of the handle. Only use in temperatures of +5°C to +35°C.

Filling

Half fill the cavity and lightly spray the foam with water. The foam will expand to fill the rest.

Fixing

When fixing window frames use wedges to hold the frame in place until the foam is fully cured – approximately 24 hours.

Finishing:

Can be cut, sanded, plastered or painted when cured. The foam should be painted or coated within 7 days if it is exposed to sunlight as it is not resistant to ultra violet light.

After

Normally the foam applicator gun should be left attached to a can of foam to ensure the entire system is closed. To reuse simply break off the nib of foam at the end of the gun applicator nozzle, shake can well and start application.

Replacing Cans

Before replacing cans, close the gun valve and unscrew empty can. Immediately replace with a full can or clean the foam applicator gun thoroughly with a PU Foam Cleaner. It is the user's responsibility to dispose of all packaging correctly.

Cured PU Foam can only be mechanically removed.

Limitations:

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. Does not bond to silicone, Teflon, polyethylene, and greasy or oily surfaces. Not suitable for continuous water immersion or completely enclosed areas. Compatibility tests are recommended prior to application. It is the users responsibility to determine suitability.

Care and Maintenance:

Periodically the foam applicator gun should be cleaned thoroughly. Attach a can of PU Foam Cleaner and press the trigger several times until all foam remains dissolve. Never leave the foam gun applicator separated from a can of foam without immediately cleaning the gun thoroughly or replacing with a new can of foam. Always clean the foam applicator gun thoroughly before storing. Do not use a metal hammer to release the can from the gun adaptor thread. If necessary, tap gently with a nylon hammer. Do not attempt DIY repairs to the gun, return it to the supplier.

Technical Information:

Technical Data	Gun Grade Foam
Base	Polyurethane
Application Temperature	+5°C - +35°C
Temperature of can during application	Min +10°C
Density (ISO 7390)	18 – 25kg/m ³
Skimming Time*	8 – 12 min
Cutting Time*	40 – 80 min
Curing Time*	5 – 24 hours
Freeze Resistance	Up to -15°C during transportation
Temperature Resistance	-40°C - +90°C
Insulation Value	25 – 30mW/mK (DIN 52612)

*Under laboratory conditions at the temperature of +23°C; U.R. 55%

Precautions:

Use in well ventilated area away from all sources of ignition, including pilot lights. Protect skin during use. Always wear gloves and safety glasses. Wear suitable workwear. Cover carpets and household furnishings before use. Keep out of reach of children. Keep out of reach of children. Follow instructions carefully.

Liability:

The information given is the result of our tests and experience and is believed to be accurate and reliable. However as Cromar Building Products Limited cannot know all the uses its products may be put to, it is the users responsibility to determine suitability of use.

Storage:

Always store upright in cool, dry conditions. Do not expose to temperatures above +50°C.

Health & Safety:

Please refer to health & safety data sheet on Gun Grade Foam.

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com or telephone our Technical Line on 0844 8588186:

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which

is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.



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