



FULAFOAM

Description

Fulafoam is a straw-applied, multi-purpose, easy to use expanding PU foam that will fill cavities ranging in size from small gaps to larger spaces. Fulafoam can be used inside and outside and will adhere to a wide range of substrates. Fulafoam will not shrink when cured and will provide an airtight, moisture resistant seal.

Important

Fulafoam has strong adhesion to almost any surface, including skin and eyes. Wear rubber gloves and goggles before and during use. Protect all surfaces around the work area, as Fulafoam cannot easily be removed.

Benefits

- Fills cavities without shrinking
- One part – no mixing
- Triple expanding
- Paintable
- Insulating
- High acoustic value

Uses

- Sealing around penetrations through walls and floors
- Filling holes in walls
- Filling wide gaps and cracks around window frames
- Sealing against draughts, moisture and noise
- Insulating
- Filling cavities in trees to prevent rot

- Application as an acoustic baffle
- Compatible Substrates**

Concrete	Wood & plywood
Brick	Plasterboard
Fiberglass	Cement sheet
Galvanised iron	Particleboard
Steel	Aluminium

Yield per can

When used strictly according to directions and depending on humidity and temperature:

- 300ml can of Fulafoam will yield approximately 13 litres of foam
- 500ml can of Fulafoam will yield approximately 21 litres of foam
- 750ml can of Fulafoam will yield approximately 32 litres of foam

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Performance Summary

Colour	Pale yellow
Skinning time	10-14 minutes at 23°C / 50%RH
Drying time	Tack free after 30 minutes at 23°C / 50%RH
Cure rate	1.5 hours /30mm bead, condition dependant.
Service temperature	-50°C until +90°C when cured
Specific gravity	Ca. 20-25kg/m ³ extruded, fully cured
Curing system	Moisture cure
Thermal Conductivity	0,034 W/(m.k)
Cell structure	Approx 70% closed cell
Tensile Strength (BS 5241)	7 N/cm ²
Compressive Strength (DIN 53421)	2N/cm ²
Sound Reduction Index Rs, w	60dB

Surface Preparation

All surfaces must be clean, sound and free from dust, grease, oil and contamination. High humidity and dampness will aid the expansion of the foam, however, the surfaces should not be wet. Spraying a fine mist of water into the cavity will aid expansion of the foam.

Application

Ensure that the temperature is greater than 5°C. Shake can at least 20 times before each use to ensure that contents are mixed. Screw trigger and nozzle onto the can. To inject the foam, turn the can upside down and direct

nozzle into the cavity. Press trigger to release foam.

When filling large cavities, do not empty the whole can at once. Fill in stages, allowing the foam to expand between each stage. Using the whole can at once will cause:

- Failure of the foam in the middle of the mass to expand, resulting in reduced yield
- Too much foam may be injected. The pressure from the expanding foam may cause damage to the walls of the cavity.

Inject the foam to cover a single layer. Depending on conditions, the foam should skin in about 20 minutes. After it has skinned, spray a fine mist (not a puddle) of water onto the foam. Inject the next layer of foam. Repeat until the cavity is 1/3 to 1/2 filled. Fulafoam will expand to approximately three to four times the extruded volume. Trim cured foam using a saw, knife, rasp or sandpaper. Finish with Fuller Easy Filler™ acrylic filler or other masonry filler, to produce a neat and tidy finish. Paint with an exterior grade acrylic.

Curing

Time to cure is highly variable and depends on weather conditions, ambient temperature and depth of joint approx. As a guide max fill Expanding Foam will cure in one and a half hours for a 30mm bead of foam.

Painting

Fulafoam is paintable when cured. Painting is recommended for exterior applications.

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**Clean Up**

Surfaces surrounding the job area should be masked off prior to application. Clean up uncured foam immediately with acetone. Cured material is very difficult to remove. Sanding or other mechanical means will remove most of the foam.

Shelf Life

Twelve months unopened from date of manufacture. If open, use within 48 hours

Safety Information

UN1950 AEROSOLS, Class 2.1. Store can in a cool place, out of direct sunlight. **HAZARDOUS:** Harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact.

SAFETY DIRECTIONS: Highly flammable. Keep away from sources of ignition. Do not inhale vapour. Use only in well ventilated areas. Prevent contact with skin and eyes. Do not use near fire or flame. No smoking. Do not incinerate or puncture can, even when empty.

KEEP OUT OF REACH OF CHILDREN

FIRST AID: If swallowed do not induce vomiting; give a glass of water to drink. In case of eye contact, flush eyes with water for at least 15 minutes. Seek medical attention if irritation occurs or ill effects persist. If skin contact occurs, remove contaminated clothing and wash skin thoroughly with a moistened abrasive soap. Rub off as much foam as possible. Remaining foam will wear off over time. Contains: 30–50% polymethylenepolyphenyl isocyanate
Propellant: Hydrocarbon. A Material Safety Data Sheet is available from the H.B. Fuller

representative your state, HB Fuller Australia customer service, or downloadable from the HB Fuller web site, www.hbfuller.com.au

Limitations

- Ensure that the air temperature is above 5°C
- Fulafoam is not water proof and not suitable for immersion
- Do not use where foot or vehicular traffic is expected
- Do not use as insulation under plastic baths, as foam will compress or collapse
- Do not use as a buoyancy device in boats, drums etc.
- Do not have sparks or flames near curing Fulafoam
- May not adhere to some plastics e.g. polyethylene

Disclaimer

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