



FULAFOAM PRO STANDARD

Description

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

Important

Fulafoam Pro Standard 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 Pro Standard cannot easily be removed.

Benefits

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

Uses

- Sealing around penetrations through walls and floors.
- Sealing gaps between polystyrene panels
- 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

Compatible Substrates

Concrete	Wood & plywood
Brick	Plasterboard
Fibreglass	Cement sheet
Polystyrene	Particleboard
Steel	Aluminium

Yield per can

When used strictly according to directions and depending on humidity and temperature the following maximum yields can be expected:

- Fulafoam PRO 300ml – ca. 13 litres
- Fulafoam PRO 500ml – ca. 21 litres
- Fulafoam PRO 750ml – ca. 32 litres

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Performance Summary

Colour	Pale yellow
Skinning time	10-14 minutes @ 23C / 50%RH
Cutting Time (30mm bead)	30-40 minutes @ 23C/50% RH
Cure rate (23C)	18 hours max
Cure rate (-5C)	24 hours max
Density	20-25 kg/m3
Service temperature	-50°C until +90°C
Curing system	Moisture cure
Tensile Strength (BS 5241)	7 N/cm2
Cell structure	Approx 70% closed cell
Compression strength at 10% (DIN 53421)	2 N/cm2
Thermal Conductivity	0.034 W/m.k
Sound Reduction Index Rs, w	60 dB

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. Attach the canister of foam to the gun by aligning the thread on the canister and gun and turn until locked in position. The canister may have to be gently pushed into the screw thread to

ensure engagement of the mechanism. To inject the foam, turn the screw thread at the rear of the gun to open the valve, hold the gun vertically (the canister will be upside down over the gun) and direct nozzle into the cavity. Gently press trigger to release foam. The rate of extrusion can be varied, by turning the screw thread at the rear of the gun. To reduce chance of gun bonding to attachment ring in case of spillage, apply thin film of petroleum jelly or grease to metal ring before attaching gun. When job is complete fully close valve and keep can on the gun unless empty. If empty can may be removed, however gun must be cleaned if stored or not used immediately

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 10 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 $\frac{1}{3}$ to $\frac{1}{2}$ filled. Fulafoam PRO Standard will expand to approximately three to four times the extruded volume. Trim cured foam using a saw, knife, rasp or sandpaper. Paint with an exterior grade acrylic.

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Curing

Time to cure is highly variable and depends on weather conditions, ambient temperature and depth of joint.

Painting

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

Clean Up

Surfaces surrounding the job area should be masked off prior to application. Clean up uncured foam immediately with acetone or Fulafoam Cleaner. When can has been emptied fully, gum may should be cleaned with Fulafoam Cleaner internally and externally unless additional can will be used immediately. Foam should be cleaned from attachment ring before further can is applied as can may become permanently bonded otherwise.

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 and correctly stored on gun, up to 4 weeks.

Safety Information

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 PRO Standard 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 PRO Standard
- May not adhere to some plastics e.g. polyethylene

Disclaimer

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