



Technical Datasheet Arbofoam

Arbofoam is a One-part Expanding Polyurethane Foam in a pressurised aerosol can. It is CFC free. When applied it expands initially as it is being expelled from the can and further expansion takes place during cure by absorption of moisture vapour from the atmosphere and substrate surface. Arbofoam will expand up to 40 times its original volume after application. Cured Arbofoam has excellent adhesion to concrete and plaster, brick, cement, wood, many metals and plastics.

Main Application

Recommended for installation of window and door frames and filling gaps where pipes and other structures pass through walls. *It is not recommended for use in a totally enclosed application.*

Application Instructions

Joint preparation

The joint surfaces must be clean and free from contamination. Apply a fine mist of clean water by spray into the gap prior to application to assist with the expansion and cure of the foam.

Application

Follow user instructions on the can.

All joint preparation, priming, and sealant application should be carried out in accordance with BS 8000 Part 16, the British Standard for the sealing of joints in buildings using sealants.

Storage Life

9 months in original unopened package stored in a cool, dry place out of direct sunlight.

Health & Safety

Arbofoam contains isocyanates – adequate ventilation of working area is recommended. When using, do not eat, drink or smoke. Avoid contact with skin and eyes. For further information consult Product Safety Data Sheet Arbofoam R – P73, Arbofoam G – P69, Arbofoam Gun Cleaner – P52.

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Technical Data

Properties	Values
Application temperature.....	+5°C to +30°C (It is not advisable to apply Arbofoam below +5°C except in special circumstances)
Service temperature.....	-40°C to +100°C
Cure time @ 20°C/65%RH.....	Approximately 24 hours
Chemical resistance.....	Resistant to dilute acids and hydrocarbon solvents.
UV resistance.....	Poor
Service life.....	20 years + when protected from sunlight. Exposure to sunlight may affect the surface of the foam causing discoloration and degradation of the surface.
Water absorption.....	0.3% by volume
Compressive strength.....	At 10% compression: 5N/cm ²
Tensile strength.....	18N/cm ²
Colours.....	Cream.

Accessories:

Cleaners

Arbo Cleaner No.13 1 Litre tin
(Toluene based – not suitable for use with plastics or delicate finishes)
Arbo Cleaner No.16 1 Litre tin
(Alcohol based)
Arbofoam Gun Cleaner

Equipment

Arbofoam G requires Arbofoam Gun
Arbofoam R comes complete with own nozzle

Quantity Estimator

<i>Joint size</i>	<i>Metres per can</i>
25 x 6	200
25 x 12	100
38 x 6	131
38 x 12	66
50 x 6	100
50 x 12	50

Packaging: 750ml can.

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