

APPLICATION DATA SHEET



ENVIROGRAF®

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Product Number: 44

PVE/A Foam

INTRODUCTION

The novel concept of packaging polyurethane foams in aerosol cans means that many sealing, fixing and insulating applications have resulted. Cans of PVE/A Foam can be used in virtually any situation which gives potential users almost unlimited possibilities, for sealing, caulking, fixing and insulation. After dispensing the liquid foam through the plastic tube supplied with the can, it expands to fill whatever gap it is injected into, and then it cures to give a rigid foam with excellent heat insulating properties.

The cured foam can easily be cut and then painted if required.

PVE/A Foam cures by reacting with the moisture in the atmosphere, and will stick solidly to any surface which either contains water or which has been sprayed or painted with water. It is ideal for gap filling and fixing applications, in the building, asbestos stripping, communications, gas, water, electrical, transportation and insulation industries.

PVE/A Foam is non flammable and approved to meet DIN4102 part B2 specification.

Each can expands to 40 litres of foam.

PRODUCT APPLICATION

The following procedures should be adopted when using PVE/A Foam.

- The can and its contents should always be at a temperature above 5°C to react properly.
- Shake the can well until the contents are uniformly mixed and the sound of liquid material can be heard.
- Remove the white protective cap on top of the can and screw on the plastic dispensing tube.
- Hold the can with the valve and dispensing tube pointing down and press the valve firmly BUT carefully. NOTE: Take care to point the tube into the area to be filled with foam.
- PVE/A Foam should be dispensed to almost fill gaps, holes or cracks, and left to expand to fill the spaces completely during the curing process.
- Initial cure to a tack free condition takes about 10 minutes and PVE/A Foam is ready to be cut in its cured state after 30 minutes.

PROCESSING TIPS

- Only use PVE/A Foam to fill gaps with widths between 5 and 50 mm.
- For maximum adhesion to any surface always dampen the surface before applying PVE/A Foam.
- Use in applications where the temperature range is between -40°C and 80°C.
- If one surface contains no dampness or humidity, the gap to be filled should not exceed 30mm.
- When using for fixing windows or in other building applications, the components should always be well supported.
- Surfaces to which PVE/A Foam is applied should always be above 0°C to cure effectively.
- Surfaces should always be free from grease or oil as well as being well dampened.

APPLICATION NOTES

PVE/A Foam meets with the requirements of existing building and construction regulations. It is designed to fix and provide insulation for doors and similar elements made of wood, metal and other materials.

PVE/A Foam bonds to most surfaces including critical materials such as expanded concrete etc. For optimum bonding, surfaces should be free of solvents dust and grease, and dampened if very dry.

CAUTION

To prevent possible soiling, the surroundings of the work area should be covered with plastic film or masking tape. If during processing any foam splashes onto clothing or building components, it should be removed immediately with suitable solvent (PVE/A Cleaning Agent). Solvents should be tested at an invisible spot prior to use. Fully cured foam splashes can only be removed by mechanical means.

STORAGE

Cans should be stored in a cool place at 18-25°C.