

895

Mouse & Pest Barrier PU Foam

1 - Description

Akfix 895 Mouse & Pest Barrier PU Foam; contains an EPA-registered pesticide that protects the foam from attack by mice, birds, bats and tree squirrels. It also blocks ants, roaches, spiders and bees. Can be used to fill gaps and cracks inside garages, attics, crawl spaces, basements, under sinks, around pipes/electrical penetrations or any areas where pests, insects or drafts can.

2 - Properties

- Contains EPA-registered pesticide that protects foam from attack by mice and other pests.
- Excellent adhesion & filling capacity and high thermal value.
- Good for filling wide caps with its high expansion rate.
- Cured foam dries rigid and can be trimmed, shaped and sanded.
- Conforms to fire class B3 according to DIN 4102-1.
- Mold-proof, water-proof and over paintable.

3 – Application Areas

- To keep all kinds of insects, pests and rodents away from our habitats.
- Filling and sealing of especially wider gaps, joints and cavities.
- Fixing and insulating of door and window frames.
- Filling of penetrations in walls.
- Insulating electrical outlets and water pipes.

4 - Product Information

Packaging	Gw.850 g
Shelf Life	15 months
Storage Conditions	Store in cool and dry conditions between +5 °C and +30 °C

The foam maintains its usability within 15 months from manufacturing date, provided that it is stored in original packaging in vertical position (valve facing up) in a dry place in temperature +5°C to +30°C. Storage above +30°C and below +5°C shortens shelf life and properties of product will be affected. Storage of foam cans in temperature exceeding + 50°C or in vicinity of open flame is not allowed. Storage of the product in a position other than recommended may result in jamming the valve.

5 - Product Information

	Method / Conditions	Value
Basis		Polyurethane Prepolymer
Curing Mechanism		Moisture cure
Specific Gravity	ASTM D1622	20±3 Kg/ m ³
Full Cure Time		24 hours
Foam Color		Light Yellow
Volumetric Yield	ASTM C1536 – TM 1003 : 2013*	15-23 L
Flammability Class	DIN 4102-1	B3
Thermal Conductivity	DIN 52612	0,036 W/m.K (at 20°C)
Compression Strength	DIN 53421 – TM 1011 : 2013*	0,03 Mpa
Tensile Strength	IO 1926-79	0,08 MPa
Dimensional Stability	ISO2796/86 – TM 1004 : 2013*	<10 %
Tack-Free Time	ASTM C1620 - TM 1014 : 2013*	7±3 min
Cutting Time	ASTM C1620 – TM 1005: 2013*	30-45 min
Can/Applicator	Optimal 20°C	Between +5°C and +30°C
Temperature		
Temperature Resistance	Cured Foam	Between -40°C and +80°C
Application Temperature	Ambient and Surface	Between -5°C and +30°C

* Producer uses test methods approved by FEICA designed to deliver transparent and reproducible test results, ensuring customers have an accurate representation of product performance. FEICA OCF test methods are available at: <http://www.feica.com/our-industry/foam-technology-ocf>. FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu

6 - Directions for Use

Surface preparation and foam application;

A. Surface cleaning: Substrates must be sound quality, clean, dry and free of dust, grease, rust and other contaminants which may affect the adhesion. Sprinkle the working surface with water (with gardening sprinkler for example) at temperature >0°C.

B. Product preparation; If the can is too cold / hot then the can should be brought to room temperature, e.g. by immersion in cold / warm water or leaving it in room temperature for at least 24 h. Optimal can temperature is +20 °C.

C. Foam application: Put on protective gloves. Shake the can well before use. Screw the can onto the applicator. You may hold the can upside down for application and activate the foam by pressing the valve. Moisturizing the surfaces and the foam improves adhesion and shortens curing time. Vertical gaps should be filled with foam starting at the bottom and moving up. Do not fill the entire gap- the foam will increase in volume.

D. Tooling and finishing: Immediately after full foam hardening, it should be secured against exposure to UV rays by using e.g. plaster or paints. The manufacturer recommends using the entire can without stopping more than 5 minutes between spraying due to foam drying in the applicator.

E. Cleaning: Fresh foam should be cleaned with AKFIX 800C Foam Cleaner. Cured foam can be cleaned barely mechanically.

7- Remarks & Restrictions

- Storage above +25 °C and below +5 °C shortens shelf life.
- Should be stored and transported in vertical position.
- Should be kept in room temperature for at least 12 hours before the application.
- Cured foam will discolor if exposed to ultraviolet light.
- Paint or coat the cured foam for best results in outdoor applications.

8 - Safety

Contains Diphenylmethane-4,4'-Diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Do not breathe spray/vapor. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Pressurized container. Keep away from direct sunlight and do not expose temperatures over 50 °C. Do not pierce or burn, even after use. Keep away from sources of ignition, no smoking. Keep out of the reach of children.

9 - Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.