



## 940 SAFETY VALVE PU FOAM

### 1 – DESCRIPTION

**Akfix 940** is PU foam which is never blocked thanks to its mechanical valve.

### 2 – PROPERTIES

- Reusability: Can be re-used repeatedly even if partially used before.
- Even stored in horizontal or upside-down position the valve is never blocked.
- Better control of the outflow thanks to special adaptor.
- High horizontal yield thanks to special design tube.
- Mould-proof, water-proof and over paintable.
- It does not contain any propellant gases which are harmful to the ozone layer.

### 3 - APPLICATIONS

- Fixing and insulating of door and window frames.
- Filling and sealing of gaps, joints and cavities.
- Filling of penetrations in walls.
- Insulating electrical outlets and water pipes.

### 4 - INSTRUCTIONS

Application (ambience) temperature +5 °C / +35 °C. Shake the can well before use. Fix the adapter on the valve. Hold the can upside down and activate the foam by pressing the valve. Moisturizing the surfaces and the foam improves adhesion and shortens curing time.

Fresh foam can be cleaned by Akfix Foam Cleaner. Cured foam can be cleaned barely mechanically.

### 5- PACKAGING

Product	Weight	Package
940	850 gr	12

### 6- STORAGE AND SHELF LIFE

15 months if stored at room temperature.

### 7- 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.



- Dried foam can be wiped out by mechanical force.
- Lower temperatures decreases yield and curing time.

## 8- SAFETY

Contains Diphenylmethane-4, 4'-Diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Do not breathe spray/vapour. 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- TECHNICAL PROPERTIES

<b>Basis</b>	: Polyurethane Prepolymer	
<b>Curing System</b>	: Moisture cure	
<b>Specific Gravity</b>	: 22±3 Kg/ m <sup>3</sup>	(ASTM D1622)
<b>Tack-Free Time (1 cm width)</b>	: 7±3 min	(ASTM C1620)
<b>Cutting Time (1cm width)</b>	: 30-45 min	(ASTM C1620)
<b>Cure-Time</b>	: 24 hours	
<b>Foam Colour</b>	: Light green	
<b>Yield</b>	: 30-45 L	(ASTM C1536)
<b>Fire Class of the Cured Foam</b>	: B3	(DIN 4102-1)
<b>Thermal Conductivity</b>	: 0,036 W/m.k (at 20°C)	(DIN 52612)
<b>Compression Strength</b>	: 0,03 MPa	(DIN 53421)
<b>Water Absorption</b>	: max. 1 vol%	(DIN 53428)
<b>Can Temperature</b>	: min.5°C max. +30°C	
<b>Temperature Resistance</b>	: -40°C to +80°C	
<b>Application Temperature</b>	: +5°C to +30°C	

The results were obtained by providing optimum environmental conditions.