



# SOMAFIX ADHESIVE EPS-XPS POLYURETHANE GUN FOAM

## Technical Data Sheet

Date of issue: 09/03/2017

Revision date: 30/06/2017

Version: 0.1

TDS No.: TDS.09.06

### 1. Product Description

Product description	: SOMAFIX ADHESIVE EPS-XPS POLYURETHANE GUN FOAM is a one component polyurethane adhesive foam for bonding of EPS and XPS panels which provide thermal insulation to outside and inside of buildings.
Use of the substance/mixture	: Polyurethane Foam
Recommended use	: Industrial use Professional uses Consumer use

### 2. Characteristics

Characteristics	: Powerful adhesion of polystyrene heat panels (XPS and EPS). After dried, no further expansion and shrinkage. More economical. Ready to use in aerosol can.
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### 3. Application

Adhering the panels to the most popular building materials; concrete, plaster, brick, wood, cement, PVC, bitumen membranes, and rigid PUR foams

### 4. Application Instructions

- Application temperature is between 0 °C to +35 °C
- Shake the can strongly for 30 seconds
- Install the foam gun on the can
- Remove the dirt, dust and grease from the application place
- Turn the can upside down and press the trigger
- Use adhesive on the board perimeter with a 3 cm wide line, keeping a 2 cm distance from the edges, and a single line across the board centre
- Join the board with the wall right after the product application.
- Press slightly and adjust the panel board
- Fixed panels can be anchored and plastered in 2 hours

### 5. Technical Specifications (@ 23 °C 50% RH)

Colour	: Blue
Odour	: characteristic
Curing System	: Moisture
Skin Forming Time	: 8 - 10 minutes
Cutting Time (FEICA TM1005)	: 15 - 20 minutes
Ultimate Elongation (DIN 53504)	: 19 %
Tensile Strength (DIN 53504)	: 3 N/cm <sup>2</sup>
Density	: 17 - 20 g/cm <sup>3</sup>
Flash point	: Not applicable, as aerosol.(≤50°C)
Thermal Resistance	: -40 - 100 °C
Yield (FEICA TM1003)	: 2 cm width 14 m <sup>2</sup> / 3 cm width 10 m <sup>2</sup>
Closed Cell Content	: 70 - 80 %
Thermal Conductivity	: 25 - 30 mW/min.K
Application Temperature	: 0 - 35 °C

Soma Kimya 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/pu-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](http://www.feica.eu)

#### SOMA KİMYA SANAYİ VE TİCARET A.Ş.

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### 6. Packaging

Packaging : Aerosol.

Canister 750 ml	Package 12 pcs/ctn
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### 7. Shelf Life and Storage

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Storage temperature : 0 - 30 °C

Canister 750 ml	15 months (after production date if stored at room temperature.)
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### 8. Health and Safety

Adverse physicochemical, human health and environmental effects	: Pressurised container: May burst if heated,Extremely flammable aerosol,Suspected of causing cancer,May cause damage to organs through prolonged or repeated exposure,Harmful if inhaled,May cause respiratory irritation,Causes skin irritation,May cause an allergic skin reaction,Causes serious eye irritation,May cause allergy or asthma symptoms or breathing difficulties if inhaled.
First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
Symptoms/effects after inhalation	: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Other medical advice or treatment	: Treat symptomatically.
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: [In case of inadequate ventilation] wear respiratory protection.

### 9. Remarks

Remarks : For further information, please refer to the Safety Data Sheet

### 10. Standards and Certificates

No information available

Technical Data Sheet

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*