

Product Data Sheet



ASMACO GOLD PU FOAM ADHESIVE

Product Description:

ASMACO PU ADHESIVE is a professional, single component, moisture curing, and self-expanding aerosol polyurethane adhesive for bonding polystyrene panels with internal and external insulation, for sealing joints in insulation and adhesive and insulated wall panels. ETICS (System light weight method) bonding EPS/XPS Boards in thermal insulation system, bonding mineral wool in thermal insulation systems. Adhesive is compatible with all ETICS (External Thermal insulation complete systems). Excellent adhesion to most construction material like solid polyurethane foam, foamed polystyrene EPS/XPS, PIR/PUR Sheets, Trees, Bitumen sheets, concrete, rigid PVC Plaster cement and bricks.

Key Performance Properties:

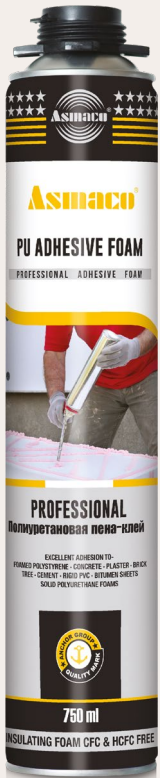
- Excellent adhesion to mineral substrate and expanded polystyrene
- Strong and lasting adhesion to expanded polystyrene and other common building materials.
- Excellent adhesion & filling capacity and high thermal & acoustical insulation value.
- Excellent mounting capacity and stability.
- Improve thermal insulation reduced likelihood of thermal bridge.
- Quick drying, moisture curing
- Closed cell structure, resistant to water absorption
- Suitable for indoor and outdoor use
- It does not contain any propellant gases that are harmful to the ozone layer.

Applications:

- Bonding porous polystyrene to most common building materials filling the gaps between the boards.
- Fill the gaps in the walls.
- External Heat-insulation complex systems (ETICS) using polystyrene foam.
- Fixing and insulation of door and window frames.
- Filling and sealing gaps, joints and cavities.
- Filling of penetrations in walls.
- Insulating electrical outlets and water pipes.

Typical Properties:

Curing system	--	Moisture cure
Tack Free time	Minutes	15 Max.
Cutting Time	Minutes	45-60
Complete curing	Hours	24
Foam color	--	Light Blue
Density	Kg/m3	18-27
Fire class of the cured foam	---	B3/F (DIN 4102/EN 13501)
Yield per 100 ml	Liters	4.5-5.5



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Adhesion concrete	kPa	>50
Adhesion to porous polystyrene	kPa	>100
Compression strength	kPa	35-100 at 10% compression
Water absorption	%	Max. 1.5 volume
Thermal conductivity	35 °C W/(m.K)	<0.037
Shrinkage	%	<1
Can temperature	°C	Min.+0, Max.+30
Application temperature	°C	+0 to +30
Temperature Resistance	°C	-50 to +110 when cured

Instructions:

Optimal can temperature is +20 °C. Application (ambient) temperature is between +0 °C to +30 °C. Shake the can well before use. Screw the tube on the valve. Moisturizing the surfaces and the foam improves adhesion and shortens curing time. Hold the can upside down and activate the foam by pressing the valve. When spray please pay attention to the speed. Fill vertical joints from the bottom up when half-filled enough. When fill gaps in ceiling, uncured foam may drop because of gravity, Fresh foam can be cleaned by acetone immediately. Please support properly after filling until foam cure and adhere to the gap. Foam is tack free after about 10 minutes, can be cut after 60 minutes. Use a knife to smooth the cured foam and treated surface with cement, paint or silicone.

Restrictions:

- Storage above +30 °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.

Storage and Shelf Life:

12 months when stored at 20 °C / 50% relative humidity out of direct sunlight.

Packaging:

ASMACO GOLD PU FOAM ADHESIVE 750 ML - 12 CANS/CTN

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 child.

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Shipping Limitations: None

Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

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POLYURETHANE FOAM • SPRAY PAINT • SILVER CLOTH DUCT TAPE • CREPE PAPER MASKING TAPE • ALUMINIUM FOIL TAPE
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