



Product Data Sheet

ASMACO GOLD UNIVERSAL MULTI FOAM Trippel Expanding PU Foam

Description: ASMACO GOLD UNIVERSAL MULTI FOAM is a single-component, moisture-curing, self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the included straw gun. The foam is environmentally friendly, as it does not contain harmful gases like CFC and HCFC that damage the ozone layer.



KEY PERFORMANCE PROPERTIES

- 300 % Triple expanding foam
- Excellent adhesion and filling capacity
- High thermal and acoustical insulation value
- Excellent mounting capacity and stability
- Adheres to almost all building materials,
- Mould proof
- Over-paintable
- Quick drying, moisture curing
- Closed cell structure, resistant to water absorption
- Cured foam dries rigid and can be trimmed, shaped, and sanded
- Suitable for sealing high volume, low movement gaps
- Contains no propellant gases harmful to the ozone layer
- Not Recommended on polyethylene, Teflon, silicone, and surfaces contaminated with oils, greases, or mold release agents

AREAS OF APPLICATION

Fixing and Insulation of Door and Window Frames:

- Enhances thermal and acoustic insulation while providing a secure fit.

Filling and Sealing Gaps, Joints, and Cavities:

- Ideal for various construction gaps requiring a fire-resistant seal.

Filling of Penetrations in Walls:

- Suitable for sealing around pipes, cables, and other wall penetrations.

Insulating Electrical Outlets and Water Pipes:

- Prevents heat and sound transfer through openings.

Multi-Purpose Adhesion and Fixation:

- Versatile use in various construction and insulation applications.

METHOD OF APPLICATION

Surface Preparation:

- Moisten the joint before filling, as PU foam cures with moisture.
- Ensure surfaces are clean and free from dust, grease, and contaminants.
- Dampen surfaces with water to improve adhesion and curing.

Preparation of the Can:

- Shake the can well for at least 30 seconds before use.
- Attach the included straw gun or applicator to the valve.

Application:

- Hold the can upside down and press the trigger to dispense the foam.
- Apply foam from the bottom upwards for vertical gaps.
- Fill gaps to about 50%, as the foam will expand.

Curing:

- Allow the foam to cure for about 1 hour.
- Ideal application and curing temperature range is between +5°C and +45°C, ideally at 20°C.

Post-Application:

- Once cured, the foam can be cut, trimmed, shaped, or sanded as needed.
- The cured foam can be plastered or painted over for a finished look if desired.

Cleaning and Storage:

- Clean the applicator immediately after use with a suitable cleaner.
- Store the can upright in a cool, dry place, away from direct sunlight and heat sources.

Safety Precautions:

- Wear protective gloves, goggles, and clothing during application.
- Ensure adequate ventilation in the work area.
- Avoid contact with skin and eyes; rinse immediately with plenty of water and seek medical advice if necessary.

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Instructions:

- Optimal can temperature is +20°C.
- Application temperature is between +5°C and +45°C.
- Shake the can well before use. Screw the tube onto 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.
- Pay attention to the speed while spraying. Fill vertical joints from the bottom up, filling only halfway.
- For ceiling gaps, support properly after filling until foam cures to prevent uncured foam from dropping due to gravity.
- Fresh foam can be cleaned immediately with acetone.
- Foam is tack-free after about 10 minutes and can be cut after 60 minutes.
- Use a knife to smooth the cured foam, and treat the surface with cement, paint, or silicone.

Restrictions:

- Storage above +30°C and below -5°C shortens shelf life.
- Should be stored and transported in a vertical position.
- Should be kept at room temperature for at least 12 hours before application.
- Cured foam will discolour if exposed to ultraviolet light.
- For best results in outdoor applications, paint or coat the cured foam.
- Working at lower temperatures decreases foam yield and causes longer curing time.

PACKAGING / SUPPLYING

ASMACO GOLD UNIVERSAL MULTI FOAM is available in 750 ml. CAN (12 CAN / Carton)

HEALTH & 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.

STORAGE & SHELF LIFE

Store in cool place under cover, out of direct sunlight and protect from extreme temperatures. The product store +5°C to 25°C, 50% in RH

The shelf life is up to 12 months in unopened conditions if stored as per guidelines.

QUALITY & CARE

All products originating from **ANCHOR ALLIED FACTORY LLC** Sharjah, UAE. facility is manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 22716:2007, ISO 9001:2015, and ISO 14001, ISO 45001

TECHNICAL SPECIFICATIONS

PROPERTIES	UNIT	STANDARDS	RESULTS
Curing system	—	—	Moisture cure
Tack Free time	Minutes	—	15 Max.
Cutting Time	Minutes	—	45 - 50
Complete Curing	Hours	—	24
Foam Color	—	—	Light Yellow
Density	Kg/m ³	—	12 — 25
Fire class of cured Foam	—	B3	—
Adhesion Strength	kPa	—	PVC to PVC 143, Aluminum plates 133,
Elongation at break	%	—	8 — 18
Shear Strength	kPa	—	22 — 50
Compression Strength	kPa	—	40 — 100 at 10% compression
Water absorption	%	—	Max. 0.03 volume
Thermal conductivity	35°C W/(m.K)	ASTM C518-02	< 0.035
Yield / 100 ml	Liters	—	6
Can temperature	°C	—	Min.-5, Max.+35
Application temperature	°C	—	+5 — +35 (Ideal Temperature +25)
Temperature Resistance	°C	—	- 40 — +90 when cured
VOC	g/L	USEAP -24	<1

Properties listed are based on laboratory-controlled tests, all values given are subject to 5-10% tolerance.

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CERTIFICATIONS



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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☎ : +971 6 5342091, 📠 : +971 6 5342107, P.O. Box No.: 21152

MFG. OF SILICONE , ACRYLIC & POLYURETHANE SEALANTS, WATER PROOFING COATINGS,
SELF - ADHESIVE TAPES, SPRAY PAINTS, CONTACT ADHESIVE, PVC CEMENTS, EPOXY STEEL

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📍 Industrial Area-15, Sharjah, U.A.E. 🌐 www.anchorallied.com ✉ info@anchorallied.com