

# Product Data Sheet



## ASMACO PU ADHESIVE FOAM T-60 Seconds

### Product Description:

ASMACO PU Adhesive Foam T60 Seconds is a multi-purpose adhesive foam, which adheres firmly to most materials. Initial Adhesion starts after 60 seconds. Note that the adhesive foam drying effect of air humidity and temperature. In dry conditions, drying is slower and it can be enhanced by light water spray in surfaces. It 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.

ASMACO PU Adhesive Foam T-60 Seconds does not emit MDI vapors during application his thanks to special blockers and modern production technology. Prolonged exposure to MDI may cause sensitization of the respiratory system, skin, allergies and asthma. Adhesive is resistant to heat, cold (from -40°C to + 90°C), moisture, mildew and aging.

### Key Performance Properties:

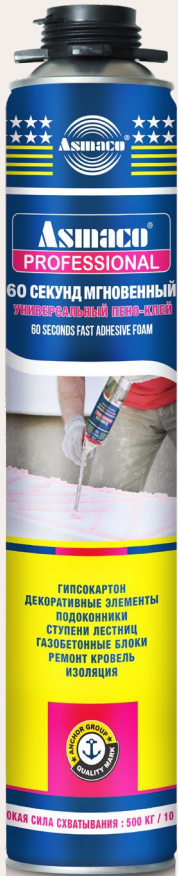
- A strong and rapid bonding of most materials
- Exceptionally fast PU foam adhesive
- Does not require priming
- Excellent adhesion & filling capacity and high thermal & acoustical insulation value.
- Excellent mounting capacity and stability.
- No emissions of MDI vapors - improved safety work (class O2)
- Quick drying, moisture curing.
- Closed cell structure, resistant to water absorption
- New generation valve - anti-lock systems and leakage gas.
- Suitable for indoor and outdoor use
- It does not contain any propellant gases that are harmful to the ozone layer.

### Applications:

- A variety of structural panels such as gypsum wall boards bonding
- Wall panels, corrugated plates, roof tiles etc. for mounting and installing
- Wall base mortgage
- 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.

### Typical Properties:

Curing system	--	Moisture cure
Tack Free time	Seconds	60
Cutting Time	Minutes	45-60
Complete curing	Hours	24
Foam color	--	Off White
Density	Kg/m3	18-27
Fire class of the cured foam	---	B3/F (DIN 4102/EN 13501)



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Yield per 100 ml	Liters	5.0-6.0
Adhesion concrete	kPa	>50
Adhesion to porous polystyrene	kPa	>100
Compression strength	kPa	35100- at 10% compression
Water absorption	%	Max. 1.5 volume
Thermal conductivity	35 <sup>0</sup> C W/(m.K)	<0.040
Shrinkage	%	<1
Can temperature	°C	Min.+0, Max.+30
Application temperature	°C	+5 to +30
Temperature Resistance	°C	-40 to +90 when cured

## Instructions:

The working surface must be clean and free from grease. Temperature of the can should be brought to room temperature where it is too cold (by placing it briefly in warm water). Warning! Do not use hot or boiling water. Or leave the bottle to room temperature overnight if possible. Shake the bottle several times before use. Remove the protective cap and screw the gun in place. Moisturizing the surfaces and the foam improves adhesion and shortens curing time. 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 tack free less than 60 seconds, 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 PU ADHESIVE FOAM T-60 Seconds 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.

**Non – Warranty:** Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.



مصنع انكور الايد ذ.م.م  
**ANCHOR ALLIED FACTORY L.L.C.**

Tel. No.: +971 6 5342091, Fax No.: +971 6 5342107

P.O. Box No.: 21152, Sharjah (U.A.E.), E-mail : info@anchorallied.com.



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