



## Gun Grade Adhesive Foam Asmaco Pro PU10

ASMACO PRO PU10 ADHESIVE FOAM is one of the fastest moisture curing, premium quality, single-component, self-compressing aerosol polyurethane foams with extreme bonding strength. It has superior green strength on most substrates and in EPS, XPS and ISO foam board systems without compromising board integrity. It can be used in many applications for faster adhesion than regular caulk adhesive. It will fulfill all critical adhesive needs while ensuring a strong bond in minimal time. This is a quick cure easy to shave and paint foam adhesive. It works with most substrates including metal, wood, brick, stone, rubber, vinyl, PVC and many more. The adhesive is manufactured in compliance with requirements of ISO 9001:2015 standard.

### Product Details:

- Solvent Free Foam
- Polyurethane Bonding Technology
- 10 Minute Working Time To Building Materials Surfaces
- Application Temperature Range Suitable For All Climates
- Creates An Immediate Strong Bond The First Time That Won't Let Go
- Helps To Reduce The Number Of Fasteners Needed
- Cuts Labor Cost
- Fast & Easy Application

### Product Applications:

- OEM, Construction, Industrial, Structural Insulated Panels, Foam Board, Drywall, & More
- Mounting & Installing Wall Panels, Corrugated Plates, Roof Tiles, ETC.
- Filling Gaps In Walls While Adhering Dissimilar Substrates
- Multipurpose Adhesive With High Bond Strength To Treated & Untreated Substrates
- Wall & Floor Trim Molding
- Installing Countertops
- Hanging Mirrors
- All DIY Projects

### Packaging:

- Colors: Off White
- 24oz. x 12 pcs





## Technical Data

TYPICAL PHYSICAL & CHEMICAL PROPERTIES	
Base	Polyurethane
Foam Color	Off White
Consistency	Collapsible Gel Adhesive
Curing System	Moisture Cure
Shelf Life	18 Months (Unopened)
Clean Up	PU Foam Cleaner or Acetone
Application Temperature	41°F to 86°F
Service Temperature	-40°F to 195°F
Tack Free Time	Maximum: 5-8 Minutes (72°F @ 65% R.H)
Cutting Time	45 - 50 Minutes (72°F @ 65% R.H)
Curing Time	About 4 Hours
Full Strength	24 Hours
Post Expansion	Minimal
Elongation At Break	8% - 20%
Adhesion Strength	PVC to PVC 143, Aluminum Plates 133
Shear Strength	20 - 50 kPa
Compression Strength	35 - 100 kPa at 10% compression
Fire Class Of Cured Foam	B3

## For Best Results:

\*\*\* Prior to application, read safety instruction presented at the end of TDS and in MSDS \*\*\*

- Surface must be clean, dry, and free of all foreign material for adhesion
- Cover and protect surfaces not intended for foam exposure
- Apply in temperatures between 14°F- 86°F with a relative humidity below 20%
- Shake the can vigorously for at least 1 minute. Dispense in the UPSIDE-DOWN position
- Use protective gloves, masks and glasses. Test on a cloth or scrap paper first
- Screw can on firmly onto dispensing gun using plastic collar and do not overtighten
- It is necessary to level the surface when unevenness exceeds 0.39 inches (1 cm)



## Application Instructions

### Application:

- Always dispense the product with the can inverted, valve down.
- While applying the foam, maintain a consistent pulling motion with the gun tip leading the direction the foam will be applied.
- When applying the foam adhesive, the bead diameter should not exceed 1.18 inches.
- After approximately five minutes from application of the adhesive to the substrate, join the two materials together and correct positioning quickly after.
- When adhering to large material such as Drywall, OSB, or Tile, the adhesive should cover more than 10% of the bonding surface.
- Apply the adhesive 2 inches from the edges with a diagonal cross or serpentine bead through the middle if required.
- When adhering materials to the ceiling or a vertical surface, the material must be temporarily held or mechanically fastened in place until the adhesive has the initial grip (approximately 3-5 minutes).
- If the application of the foam is delayed for more than 5 minutes, clean the applicator tip with ASMACO Foam Cleaner and vigorously shake the can prior to resuming application.
- Upon finishing the application, tighten the control knob, clean the gun tip with ASMACO Foam Cleaner, leave the gun attached and store the can in an upright position.

### After Application:

- Cured foam will be damaged when exposed to UV rays. Protect cured foam by covering or painting.
- After completion of work, the gun should be thoroughly cleaned using ASMACO Foam Cleaner. When the can is empty, tighten the control knob, unscrew the can from the gun and spray the tip and basket of the gun with ASMACO Foam Cleaner. Then screw on the can of ASMACO Foam Cleaner, open the control knob and squeeze the trigger until clear foam cleaner solution is flowing out of the gun. Tighten the control knob to ensure no air will enter the barrel of the gun and unscrew the foam cleaner from the gun.

### Clean-up:

If wet foam contacts skin, clean immediately with a dry rag – do not use water – water accelerates curing. Cured foam must be removed mechanically from surfaces. Uncured foam can be cleaned from most surfaces with Foam Cleaner or acetone. If foam dries on skin, apply generous amounts of petroleum jelly, put on plastic gloves and wait 1 hour. With a clean cloth, firmly wipe off residue and repeat process if necessary. DO NOT use acetone or other solvents to remove product from skin.

## Restrictions

- **Always leave the can on the gun until a new can is needed to continue or to start a new application. The can should only be removed when empty and a new can is needed to complete the same job.**
- **Ensure the control knob is tightened when the product is not in use. Air entering the barrel of the gun for more than 2-3 minutes will decrease the efficiency and life of your gun.**
- **The curing of the product is dependent on temperature and humidity. A significant decrease in temperature within 24 hours of application can affect the product's properties and adhesion.**
- **Use opened product within seven days.**
- **Quality and condition of the gun can impact the performance of the foam product.**



## Transport, Storage, & Shelf Life

The adhesive maintains its usability within 12 months from manufacturing date, provided that it is stored in original packaging in vertical position (valve facing up) in a dry place in temperature 41°F (+5°C) to 86°F (+30°C). Storage in temperature exceeding 86°F (+30°C) shortens the shelf life of the product, adversely affecting its parameters. The product may be stored in temperature 23°F (-5°C), no longer however than for 7 days (excluding transport). Storage of adhesive cans in temperature exceeding 122°F (+50°C) or in vicinity of open flame is not allowed. Storage of the product in a position other than recommended may result in jamming the valve. The can cannot be squeezed or pierced even when it is empty. Do not store the foam in the passenger compartment. Transported only in the trunk. Detailed transport information is included in the Safety Data Sheet (SDS).

Dispose of product in accordance with local government disposal guidelines. Cured material may be disposed of in the trash.

## 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 122°F (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.

## Limited Warranty

Manufacturer warrants that this product, when used as directed, will meet the above specifications. If not satisfied, return with proof of purchase for refund. This is the sole and exclusive remedy and Manufacturer shall not be liable for any damages in excess of the purchase price. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS. This Limited Warranty gives you specific legal rights, which vary from state to state. For warranty assistance, contact Anchor Allied USA

This 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 purposed 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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