

Product Data Sheet



ASMACO PU FOAM P50/P-65 (GUN TYPE)

Product Description:

ASMACO PU FOAM P-50/P-65 is a single component, moisture curing polyurethane foam having low secondary expansion to use for fixing and insulation of door and window frames. It doesn't contain any propellant gases which are harmful to the ozone layer.

Key Performance Properties:

- Excellent adhesion & filling capacity and high thermal & acoustical insulation value.
- Excellent mounting capacity and stability.
- Low secondary expansion.
- Fast polymerization.
- Dense foam structure after application.
- Eco friendly composition.
- Adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon, silicone and surface contaminated with oils and greases, mold release agents and similar materials.
- Increased output up to 65 liters depending on temperature and humidity.
- Closed cell structure, resistant to water absorption
- Cured foam dries rigid and can be trimmed, shaped and sanded.
- Suitable for sealing high volume low moment gaps.
- It does not contain any propellant gases that are harmful to the ozone layer.

Applications:

- 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	10 Max.
Cutting Time	Minutes	45-60
Complete curing	Hours	24
Foam color	--	Light yellow
Density	Kg/m3	14-20
Fire class of the cured foam	---	B3
Adhesion Strength	kPa	PVC to PVC 143, Alumimum plates 133
Elongation at break	%	8-20
Shear Strength	kPa	20-50
Compression strength	kPa	35100- at 10% compression



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Water absorption	%	Max. 1 volume
Thermal conductivity	35 ⁰ C W/(m.K)	<0.035
Yield	Liters	45 - 65
Can temperature	°C	Min.-5, Max.+35
Application temperature	°C	+5 to +35
Temperature Resistance	°C	-40 to +90 when cured

Instructions:

Optimal can temperature is +20 °C. Application (ambient) temperature is between +5 °C to +30 °C. Shake the can well before use. Screw the gun 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 gun trigger. When spray please pay attention to the speed. Fill vertical joints from the bottom up. Uncured foam may drop because of gravity, Fresh foam can be cleaned by ASMACO PU CLEANER 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 PU FOAM P-65 850 ML - 12 CANS/CTN, ASMACO PU FOAM P-50 750 ML - 12 CANS/CTN

Safety:

Eliminate all source of ignition before use. Cover all skin. Wear long sleeves, gloves, and safety glasses or goggles. Not for use in aviation, or food/beverage contact, or as structural support in marine applications. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. Not to be used for filling closed cavities, or voids such as those behind walls and under tub surroundings: Such improper use of the product could result in the accumulation of flammable vapors and /or uncured material.

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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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.



SILICONE SEALANTS • WATERPROOFING COATINGS • PU SEALANTS • POLYSULPHIDE SEALANTS • ACRYLIC & DUCT SEALANTS
POLYURETHANE FOAM • SPRAY PAINT • SILVER CLOTH DUCT TAPE • CREPE PAPER MASKING TAPE • ALUMINIUM FOIL TAPE
P.E. PROTECTION TAPE • PVC PIPE WRAP TAPE • CONTACT ADHESIVE • EPOXY STEEL • PVC CEMENTS • SUPER GLUE