

Product Data Sheet



ASMACO FAST SETTING PUR GLUE



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Product Description:

ASMACO Fast Setting PUR Glue is a fast moisture curing 1 K polyurethane-based adhesive with a very high advanced strength to wood.

Key Performance Properties:

- Very fast setting adhesive
- Expands deep into the material
- Having weather and waterproof bonds
- Initial handling time is within 20 minutes
- Initial foaming time is within 30 seconds even at 5 °C of application temperature
- Highly water resistant (D4 – DIN EN 204)
- Sandable & Paintable
- High mechanical strength
- Fills the bond cavities / surface irregularities by foaming and penetrating
- Shorter clamping time

Applications:

- Bonding wood, wood joints, MDF and sandwich panels
- Bonding of plaster board, particle board, veneers, concrete...,
- Joints window frames, door frames, composite layer panels, etc.,
- Bonding of insulation materials
- Construction adhesive in carpentry / joinery
- Industrial bonding in Furniture industry
- Fixing timbers (Oak, Teak, Tropical woods etc)

Direction For Use:

Preparation- Surfaces must be clean, dry, and free from any contaminants liable to impair adhesion. Slight moistening of substrates improves curing rate and gap filling characteristics as the adhesive foams up to penetrate cavities and uneven surfaces. During application wear disposable gloves to avoid skin contact and use clamps or mechanical fasteners tools to bond the substrates.

Method of Application

Open the glue bottle cap and remove inner seal and place the cap back. Twist opens the nozzle / cone tip closer and apply adhesive by squeezing the bottle. The glue can be spreader with a brush or an adhesive comb, join the parts and compress for 20 – 40 minutes. Close the nozzle tighter and wipe it clean with a towel after each application. Application temperature +5°C up to +35°C.

Typical Properties:

Colour	Brown
Consistency	Low Viscous Liquid
Curing system	Moisture cure

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Clarity	Clear
Specific Gravity	1.15 ± 0.01
Initial Foaming time	20 – 40 seconds @ 25±5°C
Bonding / Clamping time	20 – 40 minutes @ 25±5°C
Tensile adhesion strength	~11 N/mm2 after 18 minutes, ASTM D4541, D7234
Cure Time	24 hours
Service Temperature	up to 80 °C
VOC content	Less than 1.0 g/L

Storage and Shelf Life:

09 months from date of production if stored in undamaged original sealed containers, in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C.

Packaging:

ASMCO PUR ADHESIVE 500 / 250 ML - 12 PCS/CTN

Safety:

DIRECT CONTACT WITH UNCURED ADHESIVE IRRITATES EYES AND MAY IRRITATE SKIN. OVER EXPOSURE TO VAPOUR MAY IRRITATE NOSE AND THROAT. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with adhesive on hand. In case of eye contact, flush eyes with plenty of fresh water for 15 minutes and obtain medical attention. In case of skin contact, remove from skin and flush with water. KEEP OUT OF REACH OF CHILDREN. Consult Material Safety Data Sheet (MSDS) to know more about handling and safe usage.

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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