

POLYGUM® · FURNITURE GRADE · CODE PG-W-PVC

POLYGUM® Special Purpose Adhesive (12 in 1)

Ready to use 12-in-1 adhesive for bonding PVC, acrylic, laminate, charcoal sheet, granite and ACP to wood and boards.

Product Description

Ready to use, higher coverage, fast drying, high bonding strength. The change in customer taste has increased demand for PVC and acrylic sheet in the furniture industry. This product gives an excellent finish to furniture making.

Technical Specification

Property	Typical value
Solid content	50 – 55%
Viscosity (RVT / SP-6 / 20 / 30°C)	150 – 250 Poise
pH value	2 – 4
Free monomer (%)	0.3 max
Coverage (standard conditions)	48 – 52 sq. ft. / kg
Pack size	1 kg, 5 kg, 10 kg, 30 kg, 50 kg

Values are typical and given for guidance; they are not a specification.

Areas of Application

- Plywood to PVC sheets / acrylic sheets
- PVC edge banding
- Plywood to charcoal sheets, marble and granite
- Plywood to composite marble, laminate and veneer
- Bonds PVC, acrylic, laminate, veneer, granite and ACP to wood and boards

Features & Benefits

Product Features

- Outstanding suitability with PVC and acrylic
- High strength with long and durable bonding
- Excellent spreadability and high coverage
- Excellent heat resistance

Product Benefits

- Bubble-free finish
- Strong sheet bond
- Faster application
- Water resistant bond
- Best solution for fixing acrylic / PVC sheets and PVC edge banding

Application Method

- Acrylic / PVC sheets, double side application: the basic steps are as for standard glue applications. Apply masking tape on the edges and keep the bonded substrates under pressure for 4-5 hours before cutting or finishing.
- PVC edge banding, single side application: apply glue on one edge surface of the plywood / MDF / particle board and spread it uniformly with a spreader or spatula.
- Join the PVC and apply pressure uniformly so excess glue oozes out of the joint. Remove it softly and carefully using a cloth.
- Press the edge band joint for 2-5 minutes under manual hand pressure, using masking tape to hold it firmly. Bond strength is obtained within 4-6 hours; full strength develops after 24 hours at room temperature.
- For faster work within 1 hour, wrap the edge with a thick cotton cloth, apply heat with an iron for 1 minute and repeat the steps four to five times.

Storage & Handling

- Store in the original, tightly closed container in a cool, shaded place. Protect from frost and direct sunlight; a frozen product may be permanently damaged.
- Stir well before use. If dilution is needed, use only clean, demineralised or R.O. water.
- Wet adhesive can be cleaned off tools and surfaces with water. Dried film needs warm water and scrubbing.

Health & Safety

Read the Material Safety Data Sheet (Doc. No. MSDS/PG-W-PVC) before use. It is available at www.synergybonding.in/datasheets.

Disclaimer

The information in this document is based on our present knowledge and laboratory tests, and is given in good faith as a guide. Because conditions of use are beyond our control, users must test the product to confirm its suitability for their own application. No warranty is given or implied, and this document does not relieve the user of the responsibility to comply with applicable laws and regulations.