POLYGUM® · FURNITURE GRADE · CODE PG-D3

POLYGUM® D3+ Adhesive

Original D3 formulation with cross-linked polymerisation for critical carpentry work: 2 hrs boiling waterproof, 72 hrs normal waterproof.

Product Description

Original D3 formulation with cross-linked polymerisation process. The product is built with a technically advanced formulation to suit critical applications of carpentry work.

Technical Specification

Property	Typical value
Viscosity (RVT / SP-6 / 20 / 30°C)	150 – 250 Poise
pH value	3 – 5
Free monomer (%)	0.3 max
Coverage (standard conditions)	50 – 55 sq. ft. / kg
Pack size	250 g, 500 g, 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

- Bonds laminate, plywood and other hard / soft wood, veneer, particle board, MDF, block board and hard board
- Made for the handicraft industry; bonds all types of wood and ply to laminate, mainly where furniture is affected by moisture or water, such as kitchens and bathrooms

Features & Benefits

Product Features

- 2 hrs boiling waterproof, 72 hrs normal waterproof
- High strength cross-linking adhesive
- Excellent spreadability and high coverage
- Excellent heat resistance

Product Benefits

- Saves cost
- Spreads easily
- Better coverage
- Best solution for fixing laminate, plywood, veneer and matt wood-to-wood bonding
- Particle board and block board to laminate
- Excellent for heat prone applications like kitchens or high temperature climatic zones

Application Method

- Surfaces to be bonded should be free from oil, grease, dust and dirt.
- Surfaces should be dry and properly levelled; roughen them for best results.
- Stir the contents of the container before use.
- Apply an even coat, first on the more porous surface such as plywood, MDF or particle board.
- Do not allow the adhesive to dry. Bring both surfaces into contact with proper alignment and press from one side using a wet squeezed cloth to avoid bubbles and trapped air.
- Pressure can be given using nails, clamps, weights or masking tape.

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-D3) 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.