



PRODUCT DATA SHEET

Tibay Prime-Wood Plus

Ready to Use Wood Working Adhesive

Description:

Tibay Prime- Wood Plus is a ready to use wood working adhesive.

KEY PERFORMANCE PROPERTIES

- Appropriate for the majority of remedial sealing applications and new construction.
- Various colors are available, including customized colors.
- Outstanding unprimed compliance to a broad range of building materials and components
- Easy to use—ready to use as supplied.
- Easy to use: low odor, all-temperature gun capability, and simple tooling.
- Room temperature is used for curing.
- Low VOC sealer with a water base.
- Paintable.

AREAS OF APPLICATION

Specially formulated for:

- Bonding decorative laminates to plywood,
- Wood to wood applications,
- Sports Industry,
- Packaging,
- Handicrafts,
- General use in the furniture industry

METHOD OF APPLICATION

Preparations-

- Ensure that surface is free from dirt and grease.
- It is recommended to sand the substrate especially the laminate if it is smooth.
- Ensure the substrate is smooth and dry.

Mixing of adhesive-

- Remove the skin from the top of the adhesive (if any) before application.
- Mix the adhesive properly by wooden stick for making it homogeneous.
- Avoid using exposed adhesive to avoid adhesive failure.

Applying the adhesive-

- Spread the adhesive evenly over the substrate in minimum time and then bring them together in close contact with each other by hand pressing.

Keep the substrate under clamp by forcing nails for minimum of:

- 8 – 10 hours during hot climate.
- Minimum 24 hours during winter and monsoon seasons.

PACKAGING

Tibay Prime- Wood Plus is available in 250 g, 500 g, 1 kg, 2 kg, 5 kg, 10 kg, 25 kg & 50 kg.

CLEANUP

Clean all the equipment immediately.

STORAGE & SHELF LIFE

Stored in well-sealed containers TP Power-PVA will keep satisfactorily for 12 months from date of manufacture. Low or high temperature storage should be avoided, and the adhesives should preferably be stored within the temperature range +5°C upto +35 °C.

QUALITY ASSURANCE

Tibay Prime- Wood Plus is carefully evaluated to assure that consistent high quality is maintained. Fourier transform infrared spectroscopy, gas chromatography, and additional in-depth testing ensures each batch is manufactured to exacting standards. A batch identification code is stamped on each container and assures traceability of all materials and processes used in manufacturing this synthetic resin adhesive..

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HEALTH & SAFETY

Whilst all reasonable care is taken in the compilation of this data sheet, it is the customer's responsibility to determine the suitability of the product for the desired application.

Refer to the current Tibay Prime- Wood Plus Safety Data Sheet for additional safety precautions, first-aid, storage, handling, transportation, and disposal information.

TECHNICAL SPECIFICATIONS

Appearance	White Paste
Solid Content % 120° C, 2 hrs	30 - 32 %
Viscosity Brookfield @ 30°C, cps	25000 – 30000 (Spindle 6,20 rpm)
pH	4.0 –6.0
Density at 30°C, gm/cc	1.05 + 0.05
Lap shear strength	> 400 kg /inch ²
Properties	PVA / Anionic surfactant stabilized; fine particle sized free flowing compounded poly vinyl acetate emulsion. Tacky product with elastic film forming properties. Excellent mechanical and thermal stability
Recommended Applications	Specially formulated for use for mica to plywood lamination and wood working