Polybois

TECHNICAL DATASHEET

NITRO SANDING SEALER

Polybois Nitro Sanding Sealer is a rapid-drying wood coating designed to seal and suppress grain raising before applying a final clear coat. It helps fill small pores, crevices, and craters on wooden surfaces, making it a valuable product for furniture and flooring industries.

PRODUCT BENEFITS

- **Smooth Surface Preparation** – Fills pores and crevices, creating an even base for topcoats.
- **Fast Drying** – Ready for sanding in **20-30 minutes**, speeding up the finishing process.
- **Improved Adhesion** – Enhances the bonding of varnish or lacquer, ensuring a durable finish.
- **Easy Sanding** – Does not clog abrasive paper, making sanding effortless.
- **Grain Suppression** – Minimizes grain raising, leading to a more refined final appearance.
- **High Build Formula** – Provides excellent film thickness, reducing the need for multiple coats.
- **Consistent Color Application** – Prevents excessive absorption of stains or paints, ensuring uniform color.

AREAS OF APPLICATION

- **Furniture Industry** – Used on wooden furniture to fill pores and imperfections before applying a final finish.
- **Wooden Flooring** – Helps seal and smooth wooden floors before applying protective coatings.
- **Cabinet Making** – Ensures a uniform surface for kitchen and office cabinets.
- **Panelling & Veneers** – Ideal for sealing wood panels and veneers to enhance their appearance.
- **Musical Instruments** – Used in guitar and piano finishing to achieve a flawless surface.
- **Doors & Windows** – Applied to wooden doors and window frames for a refined finish.
- **Wooden Crafts & Decorative Items** – Helps artisans achieve a professional look on wooden crafts.

PRODUCT FEATURES

Surface	Interior
Available Pack	1L, 5L and 20L
Shelf life	1 year from date of manufacture in original tightly closed containers.
Coverage	15 m^2/L
Finish	Matte
Touch dry	30 minutes @ 25 – 35 °C
Sand after	1 hour @ 25 – 35 °C

SURFACE PREPARATION

- **Clean the Surface** – Ensure the wood is free from dust, grease, and contaminants.
- **Sand the Wood** – Use 120-grit sandpaper to smooth the surface and remove imperfections.
- **Remove Dust** – Wipe the surface with a tack cloth or vacuum to eliminate sanding residue.
- **Apply the Sealer** – Use a brush, roller, or spray gun, depending on the project.
- **Sand Between Coats** – After drying, lightly sand with 220-grit sandpaper to refine the surface.
- **Ensure Proper Drying** – Allow sufficient drying time before applying additional coats or topcoat.

APPLICATION PROCESS

Method	:	Brush and Spray
Thinning	:	NC Thinner
Dilution	:	2:1= Brush 1:1= Spray

POST PAINTING CARE

- **Allow Full Drying** – Ensure the sealer has completely dried before applying any topcoat.
- **Gentle Cleaning** – Use a soft cloth to remove dust; avoid harsh chemicals that may degrade the finish.
- **Avoid Excess Moisture** – Nitro sanding sealer is not waterproof, so keep surfaces dry.
- **Protect from Scratches** – Use felt pads under furniture to prevent abrasion.
- **Periodic Maintenance** – If needed, apply a clear lacquer or varnish to refresh the finish.

PRECAUTIONS

- Keep the filled area away from **water, humidity, and handling** for **24–48 hours** post-application.
- Do **not wash, polish, or expose** the surface to chemicals during this period.
- Store and dry the painted item in a **dust-free, ventilated area**.
- Ideal temperature: **20–30°C**
- Avoid direct sunlight or extreme temperatures during drying and curing.

SAFETY AND ENVIRONMENT FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool dry place.
- Keep out of reach of children and away from eating tables.
- Nitro sanding sealer is **highly flammable**, so keep it away from heat sources.
- Only use **manufacturer-approved thinners** to maintain product integrity.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice.

- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.
- In an event of spill, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails/drums should not be used for storing food items.

DISCLAIMER
These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

Polytol Paints

Manufactured and Distributed by
Polytol Paints & Adhesives Mfg Co. Ltd
Baie du Tombeau Rd, Riche Terre
Tel 249 1299 / 249 1499 / Fax 248 3988