



Technical Data Sheet

DIXIE POLYURETHANE WOOD PRIMER WHITE 4:1

DESCRIPTION

Dixie Polyurethane Wood Primer White 4:1 is a two pack, polyurethane based primer designed for exterior and interior wooden applications and even in marine environments.

USES

Dixie Polyurethane Wood Primer White 4:1 is recommended as a primer application for:

- All types of wooden substrate for architectural purposes.

ADVANTAGES

Excellent coverage

- Good sandability
- Excellent water resistance
- Excellent adhesion and flexibility
- Provides excellent adhesion for subsequent overcoats

CERTIFICATE&COMPLIANCE

Dixie Polyurethane Wood Primer White 4:1 complies with local regulatory standard For VOC(ISO11890 – 2).

Certificates are available upon request.

TYPICAL PROPERTIES

• Color& Appearance	
Color of Dry Film	White
FinishDryFilm	Matt
• Specific Gravity	1.35±0.05
•VolumeSolids (ASTMD 2697)	40±2%
• FilmThickness	
Wet Film Thickness (WFT)	100–110 microns/coat
Dry Film Thickness (DFT) •	35–40 microns/coat
Drying Time	
Touch Dry @ 30°C	10- 15minutes 1
Drytosand@30°C	hour
DrytoRecoat@30°C •	1 hour 11.5 – 10.0
TheoreticalSpreadingRate	m ² /liter
• Mixing Ratio By Volume	4:1 (Base:Hardener)
• Potlife@30°C	4 hours
• Flash Point	25°C

PACKAGINGSIZE

- 0.9 liters
- 3.6 liters
- 18 liters



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SURFACE PREPARATION

FOR OLD WOOD

Remove all previous coatings. Follow the procedure mentioned below.

FOR BARE FRESH WOOD

- Before application, sand the wood properly along the direction of the wood grain with 180 emery paper and ensure the surface is clean and free from oil, grease, loose particles, dust, and other contaminations.
- If there is a presence of excess oil or organic compounds on the surface, clean the surface with Dixie Lacquer Thinner.
- It is recommended to apply the primer on a moisture-free wooden surface (moisture content less than 10%).

APPLICATION METHOD

- Brush
- Spray (conventional)

Airless Spray Requirements

- Pressure: 2100 psi Nozzle
- Size: 0.018" – 0.020"

Cleaning solvent/Thinner: Dixie

Polyurethane thinner

Dilution by volume: 15–20%, depends on the method of application.

RECOMMENDED SYSTEM

Dixie Polyurethane Wood Primer White 4:1	2 coats
Dixie Polyurethane Wood Topcoat 4:1	1 – 2 coats

SAFETY PRECAUTIONS

- Avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc.
- Skin Contact: Clean with recommended thinner first and then wash thoroughly with soap and water. Seek medical attention if any irritation persists.
- Eye contact: In the event of accidental splashes, flush eye with water and rinse thoroughly. Seek medical advice immediately.
- Avoid inhalation of vapors and paint mist by wearing suitable mask.
- In the event of ingestion seek medical attention immediately.
- Application must be carried out in well-ventilated area.
- This product contains flammable materials and should be kept away from the sparks and open flames.
- Smoking in the area should not be permitted.
- Local safety regulations need to be followed.

STORAGE & SHELF LIFE

- Store the material in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight, extreme temperature and avoid exposure to moisture.
- Do not keep paint material near to any ignition sources.
- Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination.
- Handle with care.
- Stir well before use.
- Shelf life at 30°C is 24 months in original sealed container with proper storage conditions.

NOTE: We warrant only the quality of our product, and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For safety details, kindly refer to the safety data sheet.

ISO9001, 14001 & 45001
CERTIFIED FACTORY

This data sheet supersedes all previous issued.
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