



## Technical DataSheet

# DIXIE POLYURETHANE WOOD TOPCOAT 4:1

## DESCRIPTION

DIXIE Polyurethane Wood Topcoat 4:1 is a two pack, non-yellowing polyurethane based color topcoat designed for exterior and interior Wooden applications and even in marine environments.

## USES

Dixie Polyurethane Wood Topcoat 4:1 is recommended as a color topcoat on:

- Wooden and related all types of wooden architectural purposes.

## ADVANTAGES

- Excellent coverage
- Excellent adhesion and flexibility
- Good scratch and stain resistance
- Excellent water resistance
- Excellent light fastness and U.V resistance
- Excellent finish

## PACKAGING SIZE

- 0.9 liters
- 3.6 liters
- 18 liters

## TYPICAL PROPERTIES

•Color& Appearance	
Color of Dry Film	As per DIXIE RAL shade card
FinishDry Film	Gloss,Semigloss, Satinand Matt
•SpecificGravity	1.2 ± 0.05
•VolumeSolids (ASTM D 2697)	35±2%
• Film Thickness	
WetFilm Thickness(WFT)	85 –115 microns/coat
Dry Film Thickness (DFT)	30 –40 microns/coat
• Drying Time	
TouchDry @30°C	30-45 minutes
DrytoRecoat@ 30°C	6 - 8 hours
Hard Dry @ 30°C	24 hours
•Theoretical SpreadingRate	11.5 –8.7m <sup>2</sup> /liter
•MixingRatioByVolume	4:1 (Base:Hardener)
• Pot life @ 30°C	4 hours
•FlashPoint	25°C



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### SURFACE PREPARATION

- The surface to be coated should be clean and free from any contamination and suitability primed.
- Sand the primed wooden surface with 320 and 400 emery paper.
- It is recommended to apply the top coat on a moisture free wooden surface (moisture content less than 10%).

### APPLICATION METHOD

- Brush
- Spray - Conventional and Airless

Airless Spray Requirements

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

Thinner: DIXIE Polyurethane thinner.

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

### RECOMMENDED SYSTEM

DIXIE Polyurethane Wood Primer White (4:1)	1 -2coats
DIXIE Polyurethane Wood Topcoat (4:1)	1 -2coats

### 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 safety data sheet.