



DIXIE N.C. PRIMER SURFACER

DESCRIPTION

Dixie N.C. Primer Surfacers is a nitrocellulose-modified alkyd based fast drying one component primer. It has excellent standability, good water resistance, and adhesion, flexibility to various substrates.

USES

Dixie N.C. Primer Surfacers is recommended where good filling and sanding property is required for the color topcoat system. It can be applied on the following substrates:

- Natural wooden substrates
- Synthetic wooden substrates like veneer, particle board, MDF, HDF and OST
- Metal
- Automotive refinish applications

ADVANTAGES

- Quick drying
- Excellent filling and sanding properties
- Good hiding properties
- Good leveling properties

TYPICAL PROPERTIES

• Color & Appearance	
Color of Dry Film	White/Grey
Finish Dry Film	Smooth/Matt
• Specific Gravity	1.32 ± 0.05
• Volume Solids (ASTM D 2697)	44 ± 2%
• Film Thickness	
Wet Film Thickness (WFT)	80 – 100 microns/coat
Dry Film Thickness (DFT)	35 – 45 microns/coat
• Drying Time	
Touch Dry @ 30°C	15 - 20 minutes
Dry to Sand @ 30°C	2 - 3 hours
Dry to Recoat @ 30°C	2 - 3 hours
• Theoretical Spreading Rate	12.5 - 10 m ² /liter
• Flash Point	10°C

PACKAGING SIZE

- 0.9 liters
- 3 liters
- 15 liters



Technical Data Sheet

SURFACE PREPARATION

FOR OLD SURFACES

Remove all previous coatings. Follow the procedure mentioned below.

FOR BARE NEW SURFACES

- Before application sand the surface properly 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 surfaces (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 Lacquer Thinner

Dilution by volume : 1:1 (Paint : thinner)

RECOMMENDED SYSTEM

Dixie N.C. Primer Surfacer	1 coat
Dixie N.C. Putty or Polyester Putty	1 - 2 coats
Dixie N.C. Primer Surfacer	1 coat
Dixie N.C. Auto Lacquer Topcoat	1- 2 coat

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.