



Technical Data Sheet

DIXIE DTMguard EP1810

DESCRIPTION

DIXIE ZINC PHOSPHATE EPOXY PRIMER is a anti corrosive primer coating containing zinc phosphate pigment for various substrates.

Recommended as a blast primer on steel that needs temporary protection and intermediate coat over steel and inorganic zinc primers. Performs extremely well under a wide variety of topcoats.

USES

DIXIE DTMguard EP1810 for use as epoxy primer and intermediate for various substrates, when corrosion protection is highly required as structural steel and storage tanks.

ADVANTAGES

- Easy to apply
- Quick drying
- Excellent hardness
- Good gloss and durability

MIXING

Power mix separately and then combine the two parts A&B and power mix to achieve homogeneous appearance.

THINNING

Spray: Up to 5 % with Thinner # 985

Brush: Up to 10% with Thinner #984

Roller: Up to 10% with Thinner #984

Thinner #984 can be used for spray in hot/windy conditions. Use of thinners other than those recommended by DEXIE may adversely affect product performance and void product warranty.

TYPICAL PROPERTIES

| • Color & Appearance | |
|-------------------------------|---------------------------------|
| Color of Dry Film | As per RAL shade card |
| Finish Dry Film | Sheen |
| • Specific Gravity | |
| | 1.55 ± 0.05 |
| • Volume Solids (ASTM D 2697) | |
| | 50± 2% |
| • Film Thickness | |
| Wet Film Thickness (WFT) | 100 – 200 µ |
| Dry Film Thickness (DFT) | 50 – 100 µ |
| • Drying Time | |
| Touch Dry@ 30°C | 1-2 Hours |
| Dry to Recoat @ 30°C | 3-4 hours |
| Hard Dry @ 30°C | 7Days@24C° |
| • Theoretical Spreading Rate | |
| | 16 – 10.5 m ² /liter |
| • Flash Point | |
| | 32°C |
| • VOC g/l | |
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SURFACE PREPARATION

- The surface to be coated should be clean, free from contamination and suitably primed.
- Sand the primed surface with 320 and 400 emery paper.
- It is recommended to apply the coating on a moisture free 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: National Lacquer Thinner

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 and extreme temperatures.
- 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.

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

NOTE: We warranty 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.

This data sheet supersedes all previous issued.

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