

## Orbit Nano Primer TDS

### Product Overview:

Orbit Nano Primer is a high-performance, acrylic-based primer specifically formulated to enhance adhesion for topcoat applications of Hydro shield, Nano shield, and Nano Cool Coat. This primer is ideal for sealing aged bitumen sheets and preparing various surfaces for subsequent protective coatings.

### Key Applications:

- Recommended as a preparatory primer coat.
- Suitable for use on diverse substrates to ensure optimal adhesion of protective topcoats.

### Advantages:

- Single-component system for ease of application.
- Enhances bond strength between concrete substrates and topcoat layers, ensuring longevity and durability of the protective system.
- Suitable for a wide range of surfaces, preparing them for topcoat application.

### Technical Properties:

- Color: \* White
- Solid Content: \*  $45 \pm 5\%$
- Specific Gravity: \*  $1.3 \pm 0.02$
- Coverage: \* Approximately  $140 \text{ m}^2$  per unit
- Solvent for Cleaning: \* Water
- Flammability: \* Non-flammable (water-based formulation)

### Surface Preparation:

Surfaces must be clean, sound, and devoid of any contaminants such as oil, grease, or loose particles. The substrate should be completely dry with no standing water.

Repair any spalled surfaces, cracks, or defective concrete prior to application.

Ensure that new concrete substrates have been cured for a minimum of 14 days before application.

### Application Instructions:

Apply Orbit Nano Primer to create a seamless and robust foundation for subsequent applications of a topcoat. Use in combination with a suitable primer on varied substrates to optimize surface adhesion and enhance the performance of the final coating.



### **Cleaning and Maintenance:**

- Clean all application tools and equipment with water immediately after use to prevent material from curing on the tools.

### **Packaging:**

- Available in 18-liter packs.

### **Health and Safety:**

Avoid contact with skin, eyes, and mouth. Utilize appropriate protective gear during application.

In case of skin contact, rinse thoroughly with clean water. If ingested, do not induce vomiting and seek medical attention immediately.

Refer to the Material Safety Data Sheet (MSDS) for detailed health and safety information.

### **Disclaimer:**

Product specifications are based on controlled test results and extensive experience under defined conditions. The user is responsible for validating the product's suitability and comprehensive safety under their specific application conditions. Orbit Coatings assumes no liability for application assistance or customer product use. Specifications are subject to change without prior notice.

