

Waterproofing Deckguard® Primer

Product Description

Deckguard® Primer is a 100% solids, two-component, elastomeric coating used to prime concrete and steel prior to the application of the Deckguard® Membrane. Applied using plural spray equipment, providing a permanent bond between membrane and substrate.

Applications

Deckguard® Primer is specifically engineered for use with Deckguard® Membrane on highway and railroad bridge decks, bridge abutments, pier caps, tunnels and pedestrian walkways.

Advantages

- Low vapor transmission
- Penetrates and seals concrete surface leaving pinhole free and bubble-free surface
- Long working time
- Cures in 15-30 minutes when fast recoat windows are required

Installation

Deckguard® Primer is spray-applied using suitable plural spray equipment at a 1:1 mix ratio. Deckguard® Primer is applied at a rate of 125 to 175 ft² per gallon on concrete and at 3 to 5 mils on steel.

Primer should be applied immediately before installation of Deckguard waterproofing membrane. Precipitation and surface contamination can cause poor bonding of the membrane, resulting in failures. Clean and reapply primer to all contaminated surfaces before installation of the membrane.

Shelf Life

Shelf life is up to one year in factory sealed containers stored between 55°F and 95°F.

Deckguard® Primer

Property	Test Method	Criteria
Gel Time		30 seconds typical
Maximum Tack-Free Time at 77° F (hours)		1 hour
Bond to Deckguard® Membrane	ASTM D4541	500 psi+
Adhesion to Steel	ASTM D4541	>300 psi
Adhesion to Concrete	ASTM D7234 and D4541	150 psi*

*Or failure in concrete.

Warranty

Provided upon request.

The D.S. Brown Company

Founded in 1890 and based in North Baltimore, Ohio, USA, The D.S. Brown Company is a worldwide designer, manufacturer and supplier of engineered products for the highway and bridge construction markets.