



SPI COATINGS

PROVEN PERFORMANCE • REAL WORLD SOLUTIONS

**INSULATION
AND
CORROSION
SPECIALISTS**

SP INTERLOCK

Technical Data Sheet (07/10/19)

DESCRIPTION

SP INTERLOCK is a concrete “conditioner” for use on aged and weathered concrete. It is a combination of non-acidic water-soluble agents, which penetrate through the open pores. Once absorbed, SP INTERLOCK works to replace lost solids within a concrete surface before being over-coated with Rust Grip®, Enamo Grip, or other coatings.

TYPICAL USES

- Sidewalks, walkways, driveways, etc.
- Anywhere concrete has lost solids

APPLICATION METHODS

SP INTERLOCK can be applied to old or new concrete. The application can be by brush or roller. For specific instructions on surface preparation, mixing and application, please refer to the SPI's application instructions for SP INTERLOCK.

TESTS AND CERTIFICATIONS

1. USDA Approved
2. Marine Approvals for salt water/maritime use:
 - US Coast Guard
 - ABS (American Bureau of Shipping)
 - IMO (International Marine Organization)

MINIMUM SPREAD RATE

Film Thickness:

New concrete-two coats with each coat at 16 mils wet/0.5 mils dry.

Old concrete-three coats with each coat at 16 mils wet/0.5 mils dry

NOTE: Do not overload as pores will get filled and unable to absorb topcoat.

DRY TIME

4 hours on new concrete and 12 hours on old concrete. Overcoat window begins in 24 hours; fully cures in 7 days.

PHYSICAL DATA

- ◆ Solids: By weight: 10% By volume: 3%
- ◆ Lead and Chromate free
- ◆ Weight: 9.27 lbs per gallon
- ◆ Vehicle Type: Water
- ◆ Shelf Life: up to 3 years unopened under appropriate storage conditions (see MSDS)
- ◆ VOC Level: less than 38 grams per liter
- ◆ Color: Dries clear
- ◆ Inhibits mold and mildew
- ◆ Non-flammable and gives off zero toxic gasses
- ◆ Increases the density of concrete

SAFETY PRECAUTIONS

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: proper ventilation, use of proper lamps, wearing of protective clothing and masks, tenting, and proper separation of application areas. For more specific safety procedures, please refer to the SP Interlock Material Data Safety Sheet. **KEEP OUT OF REACH OF CHILDREN.**

LIMITATION OF LIABILITY: The information contained in this data sheet is based upon tests that we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by SPI, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge is reliable. The products and information are designed for users having the requisite knowledge and industrial skills, and the end-user has the responsibility to determine the suitability of the product for its intended use.

SPI has no control over either the quality of condition of the substrate, or the many factors affecting the use and application of the product. Therefore, SPI does not accept any liability arising from loss, injury, or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise).

The information contained in this data sheet is subject to modification as a result of practical experience and continuous product development. This data sheet replaces and annuls all previous issues and the user has the responsibility to ensure that this sheet is current prior to using the product.