



**SPECTRASHIELD**  
**SPECTRA-PREP PRIMER**  
**PRODUCT BULLETIN**

**PRODUCT DATA**

SpectraShield® SpectraPrep is a water based amino functional silane coupling agent designed to improve the bonding of organic polymers to inorganic concrete or clay substrates. Its chemical composition produces improved compatibility between the organic nature of SpectraShield and inorganic surfaces such as manhole walls, and it is effective in enhancing adhesion.

**APPLICATION DATA SUMMARY**

SpectraPrep is a single component material, typically applied with a Pump-Up Plastic Garden type sprayer. A thin coat slightly wetting the substrate surface is required. The surface should be allowed to air dry to eliminate any pooled or standing water. Drying may be accelerated with forced air, if needed, before application of the first SpectraShield polyurea coat.

**SURFACE PREPARATION**

Coating performance is directly related to the quality and degree of surface preparation. Prior to overcoating, all surfaces must be clean, undamaged, and free of all contaminants. The surface may be dry or damp. Any active infiltration should be stopped before application. For more specific information, consult the surface preparation section contained in the Application Instructions.

**SAFETY PRECAUTIONS**

Read the Material Safety Data Sheet carefully before use. Safety precautions in the MSDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health and cause fire or explosion.

**PHYSICAL DATA**

Finish	Flat	
Color	Clear	
Components	One	
Dry Film Thickness	75 Microns (minimum)	
Total Coats	One	
Theoretical Coverage 75 microns	$\frac{\text{ft}^2}{\text{Gal}}$ 525	$\frac{\text{M}^2}{\text{Liter}}$ 7.8
VOC	NA	
Temperature limits	200°F	100°C
Flash Point (SETA)	>200°F	>93°C

**APPLICATION DATA**

Applied over	Blasted concrete
Surface Preparation Concrete	ASTM D4258
Application Method	Manual spray
Induction Period	None

**APPLICATION DATA (CONT.)**

Environmental Conditions

Temperature Range	50-120°F
Max Relative Humidity	NA
Surface Temperature	50-120°F
Drying Time	30 minutes (typical)

**SHIPPING DATA**

Packaging	5-gal kits
Shelf life (indoors @40-100°F)	24 months

**WARRANTY**

CCI Spectrum, Inc. warrants its products to be free from defects in material and workmanship. CCI Spectrum, Inc.'s sole obligation and Buyer's exclusive remedy in connection with the products shall be limited at CCI Spectrum, Inc.'s option, to either replacement of products not conforming to this Warranty or credit to the Buyer's account in the invoiced amount of the nonconforming products. Any claim under this warranty must be made by Buyer to CCI Spectrum, Inc. in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify CCI Spectrum, Inc. of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

CCI Spectrum, Inc. makes no other warranties about the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall CCI Spectrum, Inc. be liable for consequential or incidental damages.

**(WARRANTY (CONT.))**

Any recommendation or suggestion relating to the use of the products made by CCI Spectrum, Inc., whether in its technical literature or in response to specific inquiry or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedure of use, or extrapolation of data may cause unsatisfactory results.

**LIMITATION OF LIABILITY**

CCI Spectrum, Inc.'s liability on any claims based upon CCI Spectrum, Inc.'s negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall CCI Spectrum, Inc. be liable for consequential or incidental damages.



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