



# I-Guard Traffic Line Paint

100% Solids High Build Epoxy Traffic Line System

I-Guard™

## PRODUCT DATA

### I-Guard Traffic Line Paint

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I-Guard Traffic Line paint is a two component high solids, high build epoxy resin coating. I-Guard Traffic Line provides a very thick and permanent traffic line marker. Because of the 100% solids, special formulation this system can be applied at any thickness. This means it will outwear regular traffic line paints year after year. Standard colors are white and yellow.

Please refer to the paragraph entitled "Moisture" in the "APPLICATION INSTRUCTIONS" section for additional information.

#### PACKAGING

I-Guard High Build Traffic Line paint is supplied in kit form. The Part B (resin portion) is in a partially filled one-gallon can, and the Part A (activator portion) is in a quart can. There is enough room in the Part B gallon can to empty the complete contents of the Part A quart can and have plenty of room for mixing.

#### TYPICAL PROPERTIES

##### Components

###### Part B (Resin)

Brookfield Viscosity	5 – 8,000 cps
Weight/Gallon	12 lbs.
Visual Appearance	pigmented liquid

###### Part A (Activator)

Brookfield Viscosity	150 cps
Weight/Gallon	8 lbs.
Visual Appearance	clear liquid
VOC Content	Does not exceed 250 grams/liter (2.1 lbs. /gal)

#### COVERAGE

Theoretical coverage per one-gallon kit is 150 lineal feet at 4 inches wide with a thickness of 25 mils.

#### SHELF LIFE

One year – There may be some settling of the pigments in the part B, but they can be mixed back into suspension and this will have no effect on the cure properties

#### WORKING TIME

A one-gallon mixed unit of paint, if left undisturbed, will harden in 20 minutes at 75 degrees.

#### Physical Properties

The following are typical physical properties of material cured at three weeks at 75 Degrees.

- Abrasion Resistance, Taber C10 wheel, 1,000 gr., 1000 cycles (ASTM D1044) 12 mg. Max.
- Direct Impact Resistance In lb. (ASTM D2794) 20
- Effective Shrinkage (ASTM C883) Passed
- Thermal Compatibility (ASTM C884) Passed
- Bond Strength (ASTM C882) 400 psi concrete Failure
- Shore D Hardness (ASTM D2240) 80
- Tensile Strength (ASTM D638) 5,000 psi
- Tensile Elongation (ASTM D638) 7%
- Comprehensive Strength (ASTM D695) 8,000 psi

#### VOC STATEMENT

Thinning of this product with a VOC containing solvent is not required or recommended unless otherwise instructed under the product instructions. This product is categorized as a "Floor Coating" and is compliant to the National AIM rule not to contain VOC greater than 400 grams/liter (3.3 lb/gallon) after thinning. Actual VOC may be lower and can be found on the product label or under "TYPICAL PROPERTIES" on the product data sheet.

If this product has a VOC greater than 250 grams/liter (2.1 lb/gallon), it may be unlawful to apply in the following states: California, Delaware, Maryland, New York, New Jersey, Pennsylvania, Virginia, Washington DC and Maine (effective 1/1/2006). Please check with your local air-quality management district or local authority for lawful use of this product.

#### APPLICATION INSTRUCTIONS

The installation procedures are as specific as possible. Contact ICS Building Technologies to deviate from these procedures when special circumstances arise in the field. Installation procedures for ICS Building Technologies base coat products can be found in their respective Product Data Sheets.

#### Moisture

The concrete should be tested for moisture content. Areas where moisture exceeds 3.0 lbs./24 hours/1000 sq. ft. using the calcium chloride moisture test (ASTM F-1869-98) may need to be double primed or a special primer may be required. Contact ICS Building Technologies before applying any materials. Please refer to the ICS Building Technologies "Limited Warranty" (a



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copy of which may be obtained from the company) regarding water damage disclaimer and exclusion.

### Surface Preparation

To achieve the excellent bonding properties noted for epoxy paints, the surface to be coated must be free of all dirt, oil and any other foreign matter. If using detergents to wash the area, flush the area with clean water to ensure the absence of residual detergents. Detergents will act as a parting agent and can cause loss of bond.

Mechanically etch the area by using a wire brush or sander. Mask off the area to be painted using a good grade of masking tape. Be sure the edges of the tape that will be in contact with the paint are making good contact with the substrate, otherwise the paint will creep under it, resulting in a line stripe with a ragged edge.

**DISCLAIMER AND EXCLUSION FOR INCOMPATIBLE MATERIALS:** At times, Building Technologies products are used in connection with other coating materials such as primers, finish coats or moisture barriers. If any such materials have not been pre-approved by ICS Building Technologies for use in connection with ICS Building Technologies products, they could cause damage to the appearance and/or performance of the ICS Building Technologies products. Therefore, the use of any such materials in connection with application of ICS Building Technologies products should be discussed with, and pre-approved by, an authorized ICS Building Technologies representative prior to application. The use of any such materials, which prove to be incompatible with ICS Building Technologies products in the absence of such pre-approval by an authorized ICS Building Technologies representative, will void this limited warranty and ICS Building Technologies will not be responsible for any resulting damages.

### Mixing Materials

**Special Notice:** These materials have a very short working time, it is absolutely necessary to be ready to use the product as soon as mixing is complete. Before mixing the parts A and B, stir part B to ensure dispersion of any settled pigments. Empty the complete contents of the Part A into the Part B and mix thoroughly for three minutes using an electric drill and a jiffy-type mixing blade.

### Applying Materials

The mixed materials are applied to the prepared surface by brush or roller. Application with a narrow short nap roller is the recommended process, since it can be done more quickly. Materials should be "floated" rather than rolled out. The roller pressure will control the resultant thickness.

### TECHNICAL ASSISTANCE

Contact ICS Building Technologies at 1-800-321-2395 for more specific technical information or installation techniques.

### CLEAN UP

Any mixing or application equipment should be cleaned immediately after use. ICS Building Technologies' S-1221 solvent is recommended for clean up.

### SAFETY

Material Safety Data Sheets ship with the products. ICS Building Technologies recommends any personnel applying these types of materials or personnel in areas adjacent to where the materials are being applied should read and understand these sheets prior to mixing and/or applying any material. Read and understand all product labels and MSDS's prior to use. FOR INDUSTRIAL USE ONLY.



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## WARRANTY & DISCLAIMER

THE TECHNICAL DATA AND OTHER PRINTED INFORMATION FURNISHED IS TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE. THE PRODUCTS ARE WARRANTED PURSUANT TO ACCEPTANCE OF "LIMITED WARRANTY," A COPY OF WHICH CAN BE OBTAINED FROM THE ICS BUILDING TECHNOLOGIES, WHICH IS THE EXCLUSIVE WARRANTY WITH RESPECT TO THE SALE OF THIS PRODUCT. THE MODIFICATION OF ANY COMPONENT OR USES NOT OUTLINED IN THIS BULLETIN NULLIFIES THE WARRANTY UNLESS ADVANCE WRITTEN CONFIRMATION IS OBTAINED FROM THE ICS BUILDING TECHNOLOGIES. NO OTHER WARRANTIES EXPRESSED OR IMPLIED SHALL APPLY. WE ASSUME NO RESPONSIBILITY FOR COVERAGE, PERFORMANCE OR INJURIES RESULTING FROM USE. LIABILITY IF ANY, SHALL BE TO SUPPLY REPLACEMENT MATERIALS AS SET FORTH IN THE "LIMITED WARRANTY."

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Supersedes Subsequent Product Data Sheets*

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