



# PRODUCT DATA SHEET

## Sikalastic®-908 FS

(formerly MSeal 908FS)

Primer additive

### PRODUCT DESCRIPTION

Sikalastic®-908 FS is a primer additive used with Sikalastic®-280 FS and Sikalastic®-281 FS.

### WHERE TO USE

- As an additive to primer in Sikalastic® Vehicular Traffic 2900 System.

### CHARACTERISTICS / ADVANTAGES

- Rapid cure allows for quick installation with minimal facility downtime
- Low-temperature cure extends application season
- Seamless, impervious coating that is easy to clean and maintain
- Flexible system that withstands temperature swings

### APPROVALS / CERTIFICATES

- CSA S413
- ASTM C957

### PRODUCT INFORMATION

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Packaging          | 17 L (4.5 US gal) pail                                  |
| Shelf Life         | 12 months                                               |
| Storage Conditions | Store in unopened containers in a cool, clean, dry area |

### SYSTEMS

|         |                                    |
|---------|------------------------------------|
| Systems | Sikalastic® Vehicular Traffic 2900 |
|---------|------------------------------------|

### BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

### LIMITATIONS

The User is responsible for the proper use of the product. Site visits by Sika personnel are for the sole purpose of providing technical recommendations and are in no way intended to supervise or control the quality of work on site

- If a vapour drive is present or suspected, contact your local Sika Canada Technical Representative prior to

system application.

- Not for use in areas exposed to strong solvents, contact Sika Canada Technical Service.
- Protect or remove food items prior to application to avoid any possible contamination.
- Proper airflow is critical to curing MMA materials. The use of fans is mandatory where airflow is restricted.
- The minimum application temperature is -1 °C (30 °F).
- Do not apply to concrete that is outgassing.
- Warm temperatures will shorten working time; plan work accordingly.
- Do not apply Sikalastic® Vehicular Traffic 2900 to concrete slabs on grade, unvented metal pan decks, or split slab applications with a waterproofing membrane between slabs. Contact Sika Canada Technical Service.
- Be sure to allow for movement in the deck by the proper design and use of expansion and control joints.
- Select the proper type and amount of aggregate to achieve the desired slip resistance.
- Contact Sika Canada Technical Service when substrate temperatures exceed 32 °C (90 °F) or are under -1 °C (30 °F) or when applying to decks containing between slab membranes.
- The best method to ensure the proper wet film thickness is the use of a grid system. Divide the surface to be coated into grids and calculate the square footage of each. Refer to the coverage chart to determine the quantity of coating needed for each grid to arrive at the required mil thicknesses.
- Avoid application when inclement weather is present or imminent.
- Do not apply to damp, wet, or contaminated surfaces.
- Not suitable for use where chained or metal-studded tires will be used.
- CAD & PDF deck coating details are available for download at [www.sika.ca](http://www.sika.ca)
- On steep ramps in excess of 15 %, contact your local Sika Canada Technical Representative. Do not use self-levelling grade products on slopes exceeding 15 %. Do not coat over expansion joints.

## ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

Concrete should have a minimum compressive strength of 21 MPa (3000 psi), be fully cured (28 days), structurally sound, clean, and dry (ASTM D4263).

## SUBSTRATE PREPARATION

### Concrete

All concrete surfaces (new and old) must be shot blasted to remove previous coatings, laitance, and all miscellaneous surface contamination and to provide a profile for proper adhesion. Abrasive shot blasting must occur after a concrete repair has taken place. Acid-etching is not permitted. The proper profile should be a minimum of ICRI CSP3 (as described in ICRI document 310.2R - 2013.) For balconies and other pedestrian areas with limited space or access to shot-blasting, alternative mechanical methods can be used to achieve the recommended surface profile.

### MIXING

Sikalastic®-908 FS is mixed at a 1:3 ratio with Sikalastic® P 280 FS or Sikalastic® P 281 FS.

Measure three (3) volumes of Sikalastic® P 280 FS or Sikalastic® P 281 FS resin and one (1) volume of Sikalastic®-908 FS into the pail, blend, and add the proper amount of powder hardener. Refer to the mixing chart on Sikalastic® P 280 FS or Sikalastic® P 281 FS product data sheet. Mix with a drill mixer for 30 seconds or until the powder hardener is completely dissolved.

**Note:** After mixing, Sikalastic®-908 FS must be applied immediately. The product has a 7–15 minutes of working time, depending on the temperature.

### APPLICATION

Apply the properly mixed Sikalastic® P 280 FS or 281 FS/Sikalastic®-908 FS resin catalized with the Sikalastic®-908 FS to the properly repaired concrete or properly prepared aged coating at a rate of approx. 2.45 m<sup>2</sup>/L (mixed) (100 ft<sup>2</sup>/US gal (mixed) or at about 0.40 mm (16 mil) thickness. Allow the primer to cure tack-free to an even, satin-like gloss and re-prime any dry spots.

### MOCKUP

Provide mockup of at least 9.3 m<sup>2</sup> (100 ft<sup>2</sup>) to include surface profile, sealant joint, crack, flashing, and juncture details and allow for evaluation of slip resistance and appearance. Install mockup with specified coating types and with other components noted. Locate where directed by architect. Mockup may remain as part of the work if acceptable to the architect.

### CURING TREATMENT

All components of the Sikalastic® Traffic 2900 system fully cure within one (1) hour when properly installed. Extend the curing time in cool-weather conditions.

### CLEAN UP

Clean tools with Sikafloor®-100 CLN Pronto, an MMA solvent. Other solvents such as xylene or acetone may also be used.

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## MAINTENANCE

Refer to Sikalastic® Traffic maintenance technical bulletin. Regular cleaning and maintenance will prolong the life of all polymer flooring systems, enhance their appearance, and reduce any tendency to retain dirt.

## LEGAL NOTES

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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### **Other locations**

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

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