



PRODUCT DATA SHEET

Sikalastic®-918 FS

(formerly MSeal 918FS)

Powder hardener

PRODUCT DESCRIPTION

Sikalastic®-918 FS is a powder hardener

WHERE TO USE

- Used to cure the different components of the Sikalastic®-2900 Traffic 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	25 kg (55 lb) carton
Colour	White
Shelf Life	1 year
Storage Conditions	Store in unopened containers in a cool, clean, dry area

APPLICATION INFORMATION

Mixing Ratio	See individual product data sheets for charts.
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SYSTEMS

Systems	Sikalastic® Vehicular Traffic 2900 & Sikalastic® Vehicular Traffic 2850
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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

Proper application of Sikalastic®-918 FS is the responsibility of the user. Field visits by Sika personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

- If a vapour drive is present or suspected, consult with your local Sika 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.
- Concrete should have a minimum compressive strength of 21 MPa (3000 psi) and be cured for a minimum of 28 days.
- 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 substrates are over 32 °C (90 °F) or under -1 °C (30 °F) or when applying to decks containing split-slab, waterproof membranes.
- The best application 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 from our website at www.sika.ca
- On steep ramps in excess of 15 %, contact your local Sika representative. Do not use self-leveling grade products on slopes greater than 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

MIXING

Consult individual product data sheets for required amount of Sikalastic®-918 FS (in grams) for one litre of resin ((in volume ounces) for one-gallon of resin), based on temperature.

CURING TREATMENT

All components of the Sikalastic® Traffic 2900 system fully cure within one 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.

MAINTENANCE

Consult Sikalastic® Park Deck System Maintenance Guide. Regular cleaning and maintenance will prolong the life of all polymer flooring systems, enhance their appearance, and reduce any tendency to retain dirt.

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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

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