



BUILDING TRUST



Wabo®Parking Series

Gray Elastomeric Concrete with Enhanced Performance

Features	Benefits
• Fast Curing	Short traffic closures. Traffic can be received depending on temperature, typically within one hour of completion.
• Abrasion Resistant	Accommodates heavy and repetitive impact loading and prevents further deterioration. No salt or freeze thaw damage.
• Gray Color	Compliments adjacent traffic deck coatings.
• Reliability	The use of Wabo®Bonding agent prevents any inherent moisture in the concrete from interfacing with Wabo®Crete Parking Series
• Increased Performance	Compressive strength & UV resistance improved!



RECOMMENDED FOR:

- As an energy absorbing expansion joint header/nosing for various expansion joint systems.
- Repair of existing joint headers/nosing.
- Repairs of concrete blockouts. Reduces project downtime.

DESCRIPTION:

WaboCrete® Parking Series is a two-component polyurethane expansion joint header with specialty aggregate, 100% solids material for use in exterior construction environments. WaboCrete® Parking Series is a unique mixture which monolithically bonds the expansion joint to the deck, creating a waterproof system. WaboCrete® Parking Series absorbs traffic impact loads and evenly disperses them into the deck, while allowing the system to flex with deck loads. Added benefits and features of the elastomeric concrete is it's enhanced non-slip textured finish, increased UV resistance and aesthetic appeal where it's gray color compliments adjacent traffic deck coatings. It is resistant to deicing chemicals, and abrasives. It will self-level in the blockout and can be used on sloped surfaces also with a non-flow additive.

PACKAGING/COVERAGE:

- WaboCrete® Parking Series mix:
 - Part A Activator – ½ gal container
 - Part B Resin - 1 gal container
 - Part C Aggregate - 5-gal container (60lbs)
- Coverage:
 - A+B+C = One Unit
 - One Unit = 1030 cubic inches or 0.6 cubic feet
- Wabo®Bonding Agent:
 - Part A – 1 qt
 - Part B – 1 qt
- BASF MasterSeal 940
 - Color : Gray

Elastomeric Concrete Header

PHYSICAL PROPERTIES (Binder and Aggregate)

PHYSICAL PROPERTIES	ASTM METHOD	REQUIREMENTS	TEST RESULTS
Compressive Strength	D695 Mod	2200	2723 psi
Resilience at 5% deflection	D695	90 (min.)	96.7%
Adhesion to concrete:	C190		
Dry Bond		400	451.3 psi
Wet Bond		250	353.9 psi
Impact Resistance	Steel ball drop (.375" th. Disc / dry steel plate)		
At -20 deg F (-29C)		no cracks at 5 ft	7.0 ft-lbs
At 32 deg F (0C)		no cracks at 5 ft	10.0 ft-lbs
At 158 deg F (70C)		no cracks at 5 ft	10.0 ft-lbs



APPLICATION:

INSTALLATION SUMMARY:

- For newly placed concrete, the joint interface must be dry and clean (free of dirt, coatings, rust, grease, oil, and other contaminants), sound and durable. New concrete must be cured (minimum of 14 days).
- For aged concrete, the joint interface should be sound. Loose, contaminated, weak, spalled, deteriorated and/or delaminated concrete must be removed to sound concrete. Any spalling, voids, or structural cracking at the joint interface must be repaired.
- Concrete substrates must be abrasive blasted to remove all latencies and contaminants which may cause bonding problems. Steel substrates must be sound and abrasive blasted SP-10, near white, immediately prior to installation.
- Wabo®Bonding Agent prevents any inherent moisture in the concrete from interfacing with WaboCrete® Parking Series. Maximum moisture content allowed for installation is 5%. Apply Wabo®Bonding Agent (primer) to surface of the properly prepared concrete prior to installation of WaboCrete® Parking Series. Do not use Wabo®Bonding Agent on steel substrates. There must be no visible moisture prior to the application of the primer. Primer can be brush applied. DO NOT allow primer to cure prior to placement of WaboCrete® Parking Series.
- Thoroughly pre-mix (approximately 20 seconds) Part B separately before pouring entire contents of Part B into clean 5-gallon container. Add Part A and mix both components for approximately 30 seconds, or until well blended.
- Slowly add the aggregate component to the mixed liquids and mix until all aggregate is coated (approximately 1 minute). This mix can be poured into the properly prepared blockout, in which the primer is still wet. The material will flow and self-level. Use a margin trowel to work material and finish surface.
- After 2-3 minutes, broadcast BASF Masterseal 940 onto WaboCrete® Parking Series. Broadcast to refusal.
- For sloped conditions, add Wabo®Non-Flow Additive during liquid-aggregate mixing.

FOR BEST RESULTS:

- Install when concrete substrate is clean, sound, dry, and cured (14 day minimum).
- Do not allow any of the components to freeze prior to installation. Store all components out of direct sunlight in a dry location between 50°F (10°C) and 90°F (32°C).
- Do not install when surface temperatures are less than 40°F (4°C).
- Shelf life of components is approximately 1 year. Shelf life of WaboCrete® Parking Series is 18 months.
- Periodically inspect the applied material and repair localized areas as needed. Consult a Sika Emseal representative for additional information.
- Make certain the most current version of the product data sheet is being used. Please consult the website (www.emseal.com) or contact a customer service representative.
- Proper application is the responsibility of the user. Field visits by Sika Emseal personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.
- Protect the work area with appropriate slab protection (i.e. roofing paper).
- Since methods of application and on-site conditions are beyond our control and can affect performance, appearance or color, Sika Emseal no other warranty, expressed or implied.



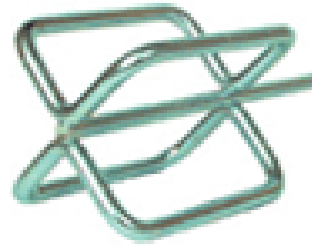
OPTIONS/EQUIPMENT:

- Non-flow additive (sloped conditions)
- Two-inch (2") hand margin trowels
- Use a ¾" heavy duty, slow speed, high torque, drill with an egg-beater (or mud beater) style mixing paddle to mix WaboCrete® Parking Series.
- One clean 5-gallon bucket

RELATED DOCUMENTS:

- Material Safety Data Sheets
- WaboCrete® Parking Series Installation Procedure

Example of an "egg-beater" style mixing paddle:



LIMITED WARRANTY:

Emseal Joint Systems, Ltd. warrants that this product conforms to its current applicable specifications. SIKA EMSEAL MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. The sole and exclusive remedy of Purchaser for any claim concerning this product, including, but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of Emseal. Any claims concerning this product shall be submitted in writing within one year of the delivery date of this product to Purchaser and any claims not presented within that period are waived by Purchaser. IN NO EVENT SHALL SIKA EMSEAL BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDES LOSS OF PROFITS) OR PUNITIVE DAMAGES. Other warranties may be available when the product is installed by a factory trained installer. Contact your local Sika Emseal representative for details. The data expressed herein is true and accurate to the best of our knowledge at the time published; it is, however, subject to change without notice.

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