

# DIAMONDSTONE<sup>®</sup>

## DIAMONDTRAFFIC

Systems Data Sheet



TECHNIQUEX<sup>®</sup>

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# DIAMONDTRAFFIC

DiamondTraffic is a nominal 45-60 mil elastomeric urethane system for use on parking decks. The system consists of an unlimited moisture-tolerant primer, an elastomeric base coat, wear coat for ramps and turn areas and an aliphatic-elastomeric urethane topcoat. DiamondTraffic includes a 5-year warranty that can be extended to 10-years if wear coat is installed on the entire deck. Base system has the wear coat on ramp and turning areas only.



## System Benefits

- Qualified LEED® Product
- UV Resistant
- Aliphatic Wear and Topcoat
- Chemical Resistant
- Slip Resistant
- Unlimited Moisture Tolerance

## Physical Properties

Total Solids by Volume (ASTM D2697)	94%
Tensile Strength (ASTM D412)	3,200 psi
Ultimate Elongation (ASTM D412)	400%
Pull-Off Adhesion (ASTM D4541)	400 psi or Concrete Failure
Shore Hardness   Shore A (ASTM D2240)	85
Specular Gloss Test (ASTM D523-18)	7%
Impact Resistance (ASTM D2794)	160-inch pounds
Moisture Related Acceptability (ASTM E1907)	Unlimited moisture tolerance
VOC's	< 60 g/ltr
Primer Benzyl Alcohol Content	0%

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## Chemical Resistance

See DiamondStone Chemical Resistance Guide.

## Cleaning & Maintenance

See DiamondStone Cleaning Instructions.

## Surface Preparation

Apply only to clean and sound concrete substrates that are free of all coatings, sealers, curing compounds, oils, greases or any other contaminants. New concrete should be cured a minimum of 28 days. Concrete that has been contaminated with chemicals or other foreign matter must be neutralized or removed. Remove any laitance or weak surface layers. Prepare surface by mechanical means to achieve a profile equal to industry standards. All surface irregularities, cracks, expansion joints and control joints should be properly addressed prior to application.

## Precautions & Limitations

DiamondStone, Inc. recommends the use of slip-resistant with this product. As with any surface, all spills should be removed as soon as possible to prevent a slipping hazard. Refer to Material Safety Data Sheet for detailed safety precautions. Do not apply when concrete temperature is less than 50° F or greater than 100° F. (Material cures slower at cooler temperatures, and working time will be substantially reduced at higher temperatures.) All components should be stored in a dry place at temperatures between 65° F and 85° F. Confirm product performance in specific chemical environment prior to use. Substrate temperature must be at least 5° F above the dew point.

## No-Nonsense Warranty

TECHNIQUEx warrants materials & labor to be free from defects for a period of 5 years from the date of substantial completion of the work, unless otherwise stated in the construction documents.

In the event a defect caused by materials or workmanship appears within the warranty period, Techniquex's liability shall be limited to repair or replacement of the work in the defective area only, or at Techniquex's sole election, refund of a pro-rata portion of the contract price for the defective areas. This is the exclusive remedy against Techniquex for the work performed. Notification of a defect must be given to Techniquex in writing during the warranty period.

This limited warranty is exclusive and in lieu of all other warranties of any kind of nature whatsoever, including but not limited to implied warranties of merchantability and fitness for particular purpose, which are specifically excluded and disclaimed. Any and all remedies against Techniquex for defects are limited by this warranty, and in no event shall Techniquex be liable to owner or others for incidental or consequential damages.

# TECHNIQUEx

Techniquex sets the standard for resinous flooring to meet the demands of a world class image with unsurpassed performance.

[www.techniquex.com](http://www.techniquex.com)

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