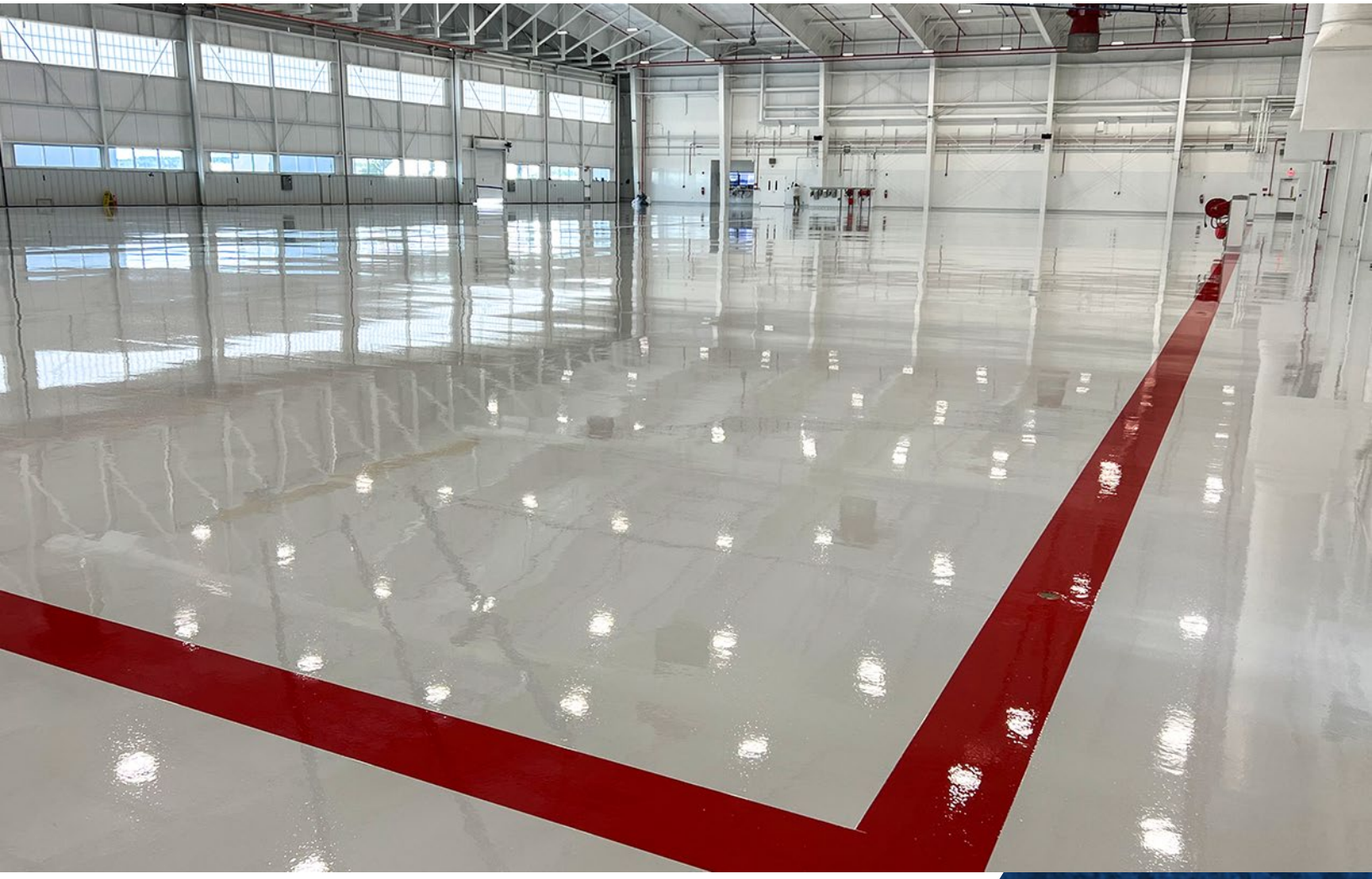
DIAMONDSTONE®

DIAMONDGLOSS

Systems Data Sheet



TECHNIQUEX® DIAMONDSTONE®

DIAMONDGLOSS

DiamondGloss is a nominal 35 mil epoxy urethane system. This system exhibits unlimited moisture tolerance, excellent abrasion, chemical and UV resistance. DiamondGloss is finished with a topcoat of high solids urethane in a gloss finish.

System Benefits

- Unlimited Moisture Tolerance
- UV Resistant
- Chemical Resistant
- Qualified LEED® Product
- High-Gloss Finish
- Anti-Microbial

Physical Properties

Compressive Strength (ASTM D695)	13,700 psi
Flexural Strength (ASTM D790)	9,000 psi
Tensile Strength (ASTM D638)	7,800 psi
Abrasion Resistance (ASTM D4060)	15 mg/Loss |1,000 cycle
Gloss Rating at 60 Degrees	90
Pull-Off Adhesion (ASTM D4541)	400 psi or Concrete failure
Moisture Related Acceptability (ASTM E1907)	Unlimited moisture tolerance
Microbial Resistance (ASTM G21)	Passes, 0 growth
Indoor Air Quality (CA 01350)	Compliant
Flame Spread/ Critical Flux (ASTM E648)	Class 1
Flame Spread/ Rate of Burning (ASTM D635)	Self-extinguishing
VOC's	< 50 g/ltr
Primer Benzyl Alcohol Content	0%

TECHNIQUEX®

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

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DIAMONDGLOSS

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° For 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 65º F and 85° F. Confirm product performance in specific chemical environment prior to use. Substrate temperature must be at least 5º F above the dew point.

EXCEPTIONS

If DiamondStone resinous systems is specified, the system incorporates unlimited moisture control. If DiamondStone is not specified, the system will meet the basis of design on moisture limitations.

NO-NONSENSE WARRANTY

TECHNIQUEX warrants materials & labor to be free from defects for a period of 2 years from the date of substantial completion of the work.

In the event a defect caused by materials or workmanship appears within 2 years, 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.

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