

GRANITEX

Light Broadcast



SYSTEM DESCRIPTION

Granitex Light Broadcast is an epoxy and polyurethane-based vinyl paint chip flooring system that can be installed over damp concrete. It provides a tough, easy-to-clean surface that is both abrasion and chemical resistant.

Granitex Light Broadcast offers a wide range of creative possibilities with unlimited color and size combinations. The light broadcast produces a economical and durable floor that looks similar to terrazzo.

SYSTEM USES

Granitex Light Broadcast is suitable for commercial locations, retail areas, residential garages and laboratories.

FEATURES & BENEFITS

- Low VOC formulations available
- Low odor formulations available
- Chemical resistant
- Abrasion resistant
- Impact resistant
- Qualifies for LEED projects

COLORS

Cem-Rez Granitex Light Broadcast is available in 12 standard blends.

SURFACE PREPARATION

Concrete must be clean, dry and profiled. Refer to the Granitex Light Broadcast application instructions for more detailed surface preparation instructions.

PRODUCTS

- Epoxy 100
- Epoxy 200
- Polyurethane 100 pigmented
- Polyurethane 100 VOC pigmented
- Polyurethane 100 clear
- Polyurethane 100 VOC clear
- Polyurethane 501clear

PHYSICAL PROPERTIES

Compressive strength, psi (ASTM D-695):	13,000 psi
Tensile strength, psi (ASTM D-638):	2,250 psi
Flexural strength (ASTM D-790):	3,500psi
Hardness, Shore D (ASTM D-2240):	75-80
Bond strength to concrete (ACI 503.4-2,3.2):	Concrete fails before loss of bond.
Impact resistance (ASTM D-2794):	160 inch pounds
Abrasion Resistance (ASTM D-4060):	34 MG loss (1000 gram load, 1000 cycles, CS-17 wheel)
Flammability (ASTM E-648):	class 1
Coefficient of friction (ASTM F-1679):	.5 dry
Water absorption (ASTM D-543):	.2%

CHEMICAL RESISTANCE

Refer to Arizona Polymer Flooring Chemical Resistance Guide for full system chemical resistance.

CONCRETE MOISTURE

Calcium chloride in accordance with ASTM-F1869 or relative humidity probe testing in accordance with ASTM-F2170. In the event that test results in 3 pounds per 1000 sq. ft. per 24 hours, or 80% relative humidity, please refer to Arizona Polymer Flooring VaporSolve product information or go to www.vaporsolve.com.

INSTALLATION

Please refer to Granitex Light Broadcast installation guidelines for information and instructions.

WARRANTY

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.