

ARMOR-REZ

CQ 100



SYSTEM DESCRIPTION

Armor-Rez CQ 100 is a 1/8th inch thick decorative color quartz flooring system. This system offers excellent abrasion and impact resistance and can be combined with an optional polyurethane topcoat for areas needing improved chemical resistance and cleanability.

PRODUCT USES

Armor-Rez CQ 100 is ideal for locker rooms, restrooms, veterinary facilities and clean rooms.

FEATURES & BENEFITS

- 100% solid, Low VOC
- Low odor formulation
- Chemical resistant
- Abrasion resistant
- Impact resistant
- Qualifies for LEED projects

COLORS

Armor-Rez CQ 100 is available in 14 standard blends.

SURFACE PREPARATION

Concrete must be clean, dry and profiled. Refer to the Armor-Rez CQ 100 application instructions for more detailed surface preparation instructions.

PRODUCTS

- Epoxy 400 Clear
- Polyurethane 100 Clear
- Polyurethane 100 VOC Clear
- Polyurethane 501 Clear
- Color Quartz

PHYSICAL PROPERTIES

Compressive strength, psi (ASTM D-695):	13,780
Tensile strength, psi (ASTM D-638):	8,590
Flexural strength (ASTM D-790):	13,945
Hardness, Shore D (ASTM D-2240):	80-85
Bond strength to concrete (ACI 503.4-2,3.2):	
Concrete fails before loss of bond.	
USDA approval:	Approved
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):	.8 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 Armor-Rez CQ 100 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.