

## SYSTEM DESCRIPTION

APF ARMOR-REZ PC 100 is a thin-film protective coating consisting of a two-component epoxy primer and a two component chemical-resistant polyurethane topcoat. Armor-Rez PC 100 offers a high-gloss, easy-to-clean surface with excellent chemical and abrasion resistance.

## PRODUCT USE

APF ARMOR-REZ PC 100 is suitable for light manufacturing, warehousing, retail, commercial and garage floors.

## ADVANTAGES

- High Solids, Low VOC versions available
- Low Odor Components
- Moderate Impact Resistant
- Abrasion Resistant
- Chemical Resistant
- Available in Fast Cure Formulas

## TECHNICAL DATA

Compressive Strength (ASTM C-579)	11,500 psi
Tensile Strength (ASTM C-307)	2,500 psi
Flexural Strength (ASTM C-580)	4,000 psi
Impact Resistance (ASTM D-2794)	160 in/lb
See product data sheet for individual component for more information.	

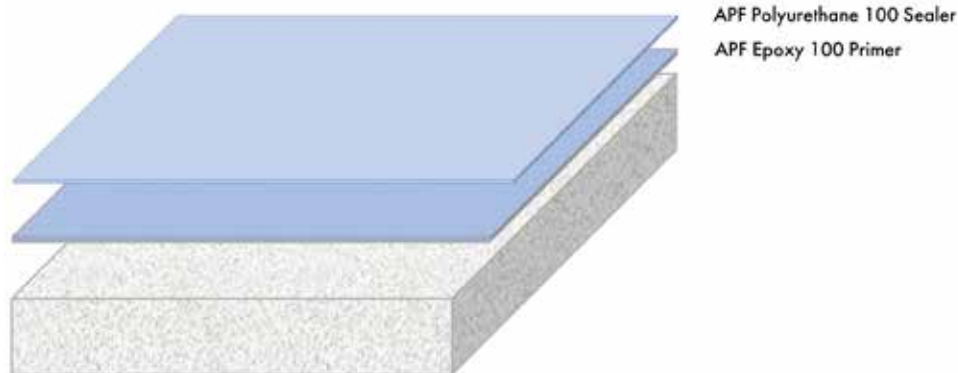
## COLORS

APF ARMOR-REZ PC 100 is available in 16 standard colors. Refer to APF standard color chart.

## TYPICAL CHEMICAL RESISTANCE

- Fuels, Mild Acids, Caustics
- Hydraulic Fluid
- Brake Fluid
- Ethylene Glycol
- Motor Oil/Grease Lubricants

## Typical System Build



### Typical System Buildup

Coat	Product	Thickness/Coverage
Patching, Filling, Moisture Vapor	APF Epoxy 300 Flex Paste APF VaporSolve System	As required
Base Coat	APF Epoxy 100	200 - 250 sq. ft./gallon ~ 6.5 - 8.0 mils
Slip-Resistant Surface (Optional)	30 - 40 US Mesh Quartz Aggregate	
Finish Coat	APF Polyurethane 100	275-350 sq. ft. per gallon

### LIMITATIONS

- Prior to application, measure and confirm that ambient temperature and humidity conditions are at least 5°F over dew point.
- High humidity/low temperature will prolong cure time
- Use of kerosene or propane forced air heating equipment during application may cause discoloration and finish defects.
- Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions

### CONCRETE MOISTURE

Test for concrete moisture in accordance with ASTM F2170 – 19. If moisture is indicated to be in excess of 85%, apply **APF Vapor-Solve®** system in accordance with the published technical data sheet. Consult APF Technical Service for further information.

### HANDLING & SAFETY

Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin; wear protective gloves. User must read and understand Safety Data Sheet before using. APF Safety Data Sheets are available at [www.apfepoxy.com](http://www.apfepoxy.com)

### STANDARD WARRANTY STATEMENT

APF ARMOR-REZ PC 100 SDS 06.24.2021

ICP BUILDING SOLUTIONS GROUP, the owner of Arizona Polymer Flooring, warrants that the product is produced within specifications and is free from defect. No warranty shall be in effect until ICP Building Solutions Group Terms and Conditions of Sales are met, including payment and cooperative promotional considerations. ICP Building Solutions Group warrants that the covered product is free of defect and suitable for the specified purpose for a period of one (1) year from the date of shipment, provided the product is installed within its published shelf life, in strict conformance with specifications, and/or written project-specific installation guidance from authorized representation. ICP Building Solutions Group warrants only when product is handled, stored, mixed and applied in accordance with published recommendations. It is purchaser responsibility to initiate any claim against this warranty within a reasonable time. If determined by ICP that the product does not meet this warranty, the liability of ICP Building Solutions Group shall be limited to refund of the purchase price or provision of replacement product, neither needing to exceed the affected area as determined by a person authorized to perform technical representation for ICP Building Solutions Group. To obtain a replacement or refund the customer must provide written notice containing full details of the non-conformity suspected. The purchaser, owner or their representative shall notify ICP Building Solutions Group, in writing, within five (5) working days concerning any potential defect, or as needed before conditions deteriorate and increase repair costs. ICP Building Solutions Group reserves the right to inspect the non-conforming material prior to replacement. ICP Building Solutions Group may in its discretion refund the purchase price received by ICP Building Solutions Group in lieu of replacing the material. Except for the expressed warranty stated above, there are no other warranties, expressed or implied, including without limitation, any implied warranty of merchantability or fitness for purpose. ICP Building Solutions Group's obligation shall not extend beyond the obligations expressly undertaken above and ICP Building Solutions Group shall have no liability or responsibility to purchaser or any third party for any loss, cost, expense, damage or liability, whether direct or indirect, or for incidental or consequential damages. No customer, distributor, or representative of ICP Building Solutions Group is authorized to change or modify the published data sheets or this warranty in any way. No one is authorized to make oral warranties on behalf of ICP Building Solutions.