

STANDARD WARRANTY

If the standard warranty is selected, the product manufacturer guarantees that the products are free from manufacturing defects and comply with its 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 the repayment of the product purchase price. All consequential damages, including but not limited to installation labor, damage to the structure or contents of the structure are excluded.

The contractor guarantees that his surface preparation and application meet industry standards. The length of the warranty shall be determined by the local or state governing contractor's board.

GOLD 10 YEAR WARRANTY

If the Gold warranty is selected, the warranty shall be made jointly to the owner by the product manufacturer and the application contractor. For the warranty to be effective, the contractor must be approved by APF or the application must be done under the supervision of an APF technical representative.

Arizona Polymer Flooring guarantees that its products are free from manufacturing defects and comply with its published specifications. In addition, we further guarantee that the moisture remediation system will protect subsequently applied flooring from **damage due to moisture or alkalinity regardless of the level of moisture in the concrete**. This warranty shall be limited to repair of the affected areas only as determined by Arizona Polymer Flooring. Repair shall include removal of existing flooring, reapplication of remediation system and new flooring. New flooring shall be of the same type and value as the old flooring. Labor charges shall be reasonable and average for the industry. Removal and replacement of owner's equipment is not covered. Consequential damages to the building structure or its contents are excluded. Damages due to temporary loss of building use are excluded. The length of the Gold warranty is 10 years from the date of installation.

The application contractor guarantees that he shall comply with the product manufacturer's application specification governing surface preparation, product mixing and application thickness. All invoices must be paid in full for warranty to take effect.

Arizona Polymer Flooring and the installation contractor shall be released from warranty obligations under any of the following conditions:

1. Laboratory analysis reveals interior concrete contamination from previously applied reactive silicate materials or organic hydrocarbon materials that interfere with the bonding of **VaporSolve™ Basic System**.
2. Weakening of the concrete over time caused by conditions beyond the control of the product manufacturer or the installation contractor. If the concrete deteriorates significantly, it will no longer support the bond of the remediation system. Such conditions are detailed in "Guide to Durable Concrete" ACI Committee 201 published by the American Concrete Institute and would include any of the following:
 - a. Attack from sulfates of sodium, potassium, calcium, magnesium, or Ettringite, sometimes found in soil or dissolved in groundwater.
 - b. Deterioration caused by the physical action of salts from groundwater containing sodium sulfate, sodium carbonate and sodium chloride.
 - c. Cracks that develop in the concrete or joints after the application of the remediation system. This includes cracks and damage to the concrete caused by Alkali Silica Reaction (ASR).
 - d. Failure of the concrete due to expansive contaminants in the concrete mix.

PRE-INSTALLATION TESTING

Pre-installation testings are laboratory procedures designed to reveal conditions within the concrete that could cause failure of the remediation system or possible internal failure of the concrete itself (ASR). Although these conditions are rare, discovery prior to application will save substantial cost and inconvenience if subsequent failure occurs. These tests should be considered:

1. TENSILE BOND TEST

Done with a tensile pull tester and designed to reveal concrete with poor cohesive strength. This type of concrete is too weak to support the long term bond of the coating system. The test is relatively simple and is detailed in Section 3.01 of our application specifications.

2. INFRARED SPECTROSCOPY ANALYSIS

Inexpensive laboratory test designed to reveal organic materials such as grease and oil and unreacted silicate within the slab that may interfere with proper bonding of the remediation materials.

3. THIN SECTION PETROGRAPHIC ANALYSIS

Laboratory test to reveal alkali silicate reactivity (ASR) or potential ASR that could be triggered by the increased moisture at the coating/concrete interface when low permeability flooring is installed.

LABORATORY TESTING AS PART OF FAILURE ANALYSIS

In the event of a failure of **VaporSolve™ Remediation System**, laboratory analysis will usually be required to determine the cause of the failure. The laboratory chosen must have extensive experience in analyzing concrete moisture problems. Costs for the testing shall be split equally between the manufacturer and application contractor. Should the building owner wish to employ a secondary laboratory for additional testing, the owner shall be responsible for the cost.