

## What Is Covered?

### *An Explanation of Warranty Exclusions*

Allied Construction Technologies, Inc. (AC•Tech) offers a wide range of vapor reduction and moisture mitigation products in its 2170™ product series: 2170™, 2170™ 12H, 2170™ FC and 2170™ FC LOW. These products all carry a fifteen (15) year material and labor warranty, which covers the cost of replacing AC•Tech products as well as all materials installed above or onto the AC•Tech products and the labor cost to replace said materials. These products are formulated and warranted to resist:

- Relative Humidity up to 100% RH (in-situ probe testing per ASTM F2170)
- 25+ lbs of MVER (calcium chloride testing per ASTM F1869)
- Alkalinity up to a pH of 14 (ASTM F710)
- .05 u .07 perms (permeance rating testing per ASTM F3010)

Prior to beginning installation of any AC•Tech 2170™ product, we require that the project section of the **Project Survey** be completed and submitted to AC•Tech technical staff for review and approval. This document includes important contact information, previous building usage, concrete conditions and other important factors for identifying and avoiding potential concrete problems **PRIOR TO** installation.

Prior to receiving a warranty on any AC•Tech 2170™ product, we require that the **Project Survey** be completed in its entirety and returned, along with a **Warranty Request Form**, to AC•Tech technical staff for review and approval. This provides documentation that the installation conditions were adequate and the installation was conducted in accordance with our technical data sheets and staff recommendations.

In the event that AC•Tech 2170™ products are installed improperly or over concrete that has complications, the labor and material warranty will be null and void. AC•Tech staff, however, will assist all interested parties in identifying the problem and propose solutions that will amicably solve any complications. AC•Tech technical staff may require that independent inspection, testing and analysis be conducted to forensically understand the problem. To this end, it is crucial that the previous project section of the **Project Survey** be completed **PRIOR TO** beginning installation.

If there is any suspicion or uncertainty regarding the quality or contents of the concrete or the previous building usage, AC•Tech recommends that additional testing (core testing, pull-off testing, etc) be done to ensure the concrete is suitable for installation. Should it be found to be unsuitable, the testing results will inform the AC•Tech technical staff on the severity of the problem and help develop a longterm solution for all parties that is warrantable.

While the AC•Tech warranty covers several sources of moisture related flooring complications and failures, there are several scenarios where water or water vapor, in

conjunction with other chemicals, practices and circumstances, may still cause failure and is not warranted. These scenarios include (but are not limited to):

- Improper concrete mix design
- Improper, weak, deficient and/or damaged substrate
- Improper substrate preparation and cleaning
- Improper installation and curing conditions
  - Ambient conditions, substrate and materials must be between 50° - 90° F and must not be within 5° F of the dew point (see AC•Tech dew point chart for reference)
  - Substrate must be dry to the touch and must not have any water, moisture or condensation on surface
  - Ambient conditions must not approach or reach dew point while materials are curing
- Improper mixing, installation, product coverage, spread rate or curing time
- Installation in or over any and all cracks, static or dynamic
  - While we have procedures to treat cracks, we cannot warranty them because we cannot anticipate whether the cracks will move or not in the future
- Installation on concrete which may contain additives or topical agents
  - Concrete hardeners & densifiers
  - Concrete curing compounds
  - Silicate and silicate add-mixtures, topical treatments or agents
  - Any other chemical that may cause bond failure
- Installation on concrete that is contaminated with chemicals or hydrocarbons
  - Oil, fuel, grease and other hydrocarbons
  - Chemicals from production and manufacturing processes
  - Chemicals from asbestos abatement
  - Elevated salt loads
  - Contaminated soil
  - Contaminated ground water / water table
  - External drainage or plumbing failure
  - Any others sources of chemical contamination
- Installation on concrete which may have contaminated aggregate
  - Alkali-Silika Reaction (ASR)
- Below grade slabs where hydrostatic pressure is present or anticipated

We encourage all of our clients and customers to make informed decisions when selecting and installing moisture mitigation products and are always available to help guide all interested parties towards effective, long-term moisture solutions.

***For more information about this or any other matter, please contact the AC•Tech technical team.***

**Reputation is Built on Performance. Yours and Ours.**