



# MC™ Moisture Control System Pre-Installation Checklist

## Contact Information for ARDEX Trained Installer

**Name \***

First	Last
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*Checklist must be submitted by trained installer named here.*

**Company \***

**Address \***

City	State / Province / Region	Postal / Zip Code
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**Email \***

**Location trained on MC installation \***

## General Project Information

**Project Name \***

**Project Address \*****Application Description****Size of Installation area \***

*Enter square feet/meters.*

**Grade level \***

☐ Below-grade ☐ On-grade ☐ Above-grade

**Flooring history \***

☐ New Construction ☐ Renovation

**Vapor barrier below slab? \***

☐ Yes ☐ No

**History of blistering or other water-related flooring failures? \***

☐ Yes ☐ No

**Anticipated uses/traffic: \*****ARDEX MC System being installed: \*****Anticipated ARDEX MC installation date: \*****ARDEX underlayment or topping being installed \*****Type of finish flooring or sealer being installed: \*****Terms**

Submission of this request will serve as acknowledgment of the terms detailed herein.

For ARDEX VR 98 installations, an effective and intact vapor barrier must exist beneath on-ground slabs (ASTM E1745), and the relative humidity level of the concrete must not exceed 98% (ASTM F2170).

Joints and cracks: 1) For all applications, expansion joints, isolation joints and all other moving joints and moving cracks must be honored in accordance with accepted industry practices up through the ARDEX moisture control system, the ARDEX cementitious course and the final wear surface. 2) For topping applications, all joints must be honored, including control joints. 3) Fill dormant joints and dormant cracks that will not be honored with ARDEX ARDIFIX and sand broadcast in accordance with the technical data sheet.

The concrete must be clean. All contaminants (previously installed flooring materials, underlayments, sealers, curing compounds, oil, dirt, debris, etc.), must be removed via mechanical means, such as shot blasting.

Shot blasting or similar mechanical preparation may be required even if the concrete is contaminant free, as follows: 1) For ARDEX MC RAPID, the concrete must be absorbent in accordance with ASTM F3191 and must be profiled to a minimum CSP 3 and maximum CSP 5; and 2) For ARDEX VR 98 or ARDEX VB 100, the concrete must be absorbent in accordance with ASTM F3191. There is no specific concrete profile required for ARDEX VR 98 or ARDEX VB 100. See the technical data sheet for full details.

For fiber-reinforced slabs, note that fibers must be flush with the concrete; otherwise, fibers will protrude through the ARDEX moisture control system and create channels for moisture emission.

The surface of the concrete must be completely dry during the installation and cure of the ARDEX moisture control system. Verify concrete dryness by mat testing in conformance with ASTM D4263. The test must be conducted for a minimum of 4 hours. It also is extremely important to ensure that condensation does not form on the surface. This is accomplished by checking the surface of the concrete just prior to installation to verify that this temperature is at least 5°F higher than the dew point, and rising, for the given temperature in the space.. For example, if the dew point in the space is 60°F, the slab temperature must be 65°F or higher and rising.

ARDEX moisture control systems are intended for remediating excessive moisture vapor and would not be expected to control the effects of liquid water intrusion. Sources of liquid water may include, but not be limited to, nearby lakes and streams, excessive rain, broken pipes or drainage systems, high water tables, ground sloping toward the building, irrigation systems, etc.

Unless otherwise recommended, the ARDEX moisture control system should be covered with an appropriate ARDEX underlayment or topping.

This warranty is granted on the understanding that the installer named herein has been factory trained on the installation of ARDEX moisture control systems, that the trained installer will perform the work on this project and that all work will be conducted per the appropriate ARDEX technical data sheet at <https://www.ardexamericas.com/products/moisture-control/>.

**Initials \***

**Date**



Submit

Save