

Concrete Admixture



As presented by admix manufacturers to owners, architects and general contractors, concrete admixtures are formulated to include ingredients to block pores and microcracks in concrete to prevent passage of water.

According to admix manufacturers, the common method recommended by the Maple Flooring Manufacturers Association of evaluating relative humidity in concrete with embedded probes does not reflect blockage of moisture movement through the slab. And therefore, relies on test procedures conducted by the admix company themselves to confirm blockage of moisture movement prior to floor installation.

As a general indicator, we suggest including a basic polyethylene film test as described by the MFMA prior to floor installation and after admix company approval. This is not intended to confirm accuracy of admix testing but to demonstrate that there is no moisture transfer near the slab surface.

Admixtures must not interfere or prevent common practices used when installing hardwood athletic floors such as typical concrete anchorage, leveling fillers and surface grinding, or adhesion if installing glued products.

We recommend that installation of Aacer athletic floors do not proceed over admixed concrete slabs without the admix companies clearly defined written obligation to accept all responsibility to repair or replace the athletic floor system if their product does not perform as presented and thereby results in issues related to moisture migration.