

CONCRETE AND MOISTURE CONTENT

The waterproofing of concrete decks often has problems related to moisture content in humid or high rainfall areas. The high water content will often cause a waterproofing layer applied to the top surface to experience high vapor pressures from below, which ultimately manifests itself in the formation of blisters on the surface. Keeping the moisture content of the concrete as low as possible is the only effective method of preventing the formation of blisters. In the case of new concrete it is recommended to waterproof the surface of the concrete with Sealoment Plus™ as soon as the concrete can be walked on. It is recommended that all concrete be tested for moisture content prior to application of the Sealoflex system. Structural concrete moisture should be less than 8%. If the moisture content is greater than specified, it is recommended that Dampseal 101™ be applied. Likewise, check the manufacturer's requirements for concrete curing time. The water vapor escaping from the concrete can prevent the waterproofing material from bonding. Concrete curing times for Sealoflex® is a minimum of 15 days or longer.