



Between the World  
and The Weather  
Since 1928

## Black Pearl® Waterproofing Systems Design Alerts

- Black Pearl Waterproofing Systems must be protected from heavy loading and aggressive damage with an appropriate overlay, although it may be exposed to foot traffic immediately after set and covered with protection course.
- Black Pearl Waterproofing Systems are not designed to perform as a permanently exposed surface and should be protected. Concrete Pavers, insulation, special coatings, cap sheets and Roofscapes® plaza/promenade wear surfaces are among the many options available.
- Concrete substrates should comply with ASTM D 5295 specifications for deck preparation and American Concrete Institute (ACI) 301.11.7.3 guidelines with a wood float finish. Do not apply over lightweight insulating concrete or lightweight structural concrete of less than 2500 psi compressive strength.
- Moist water cure of concrete is all that is required. Do not use curing agents without Barrett's written approval.
- Green concrete is an acceptable substrate but surfaces should be dry, and the concrete firm enough to support foot traffic before starting the Black Pearl application. Do not apply over visible water or when the temperature is below 0° F.
- All surfaces should be dry, clean, firm and free of laitance, frost, dust, dirt, oil, unapproved curing compounds and any other contaminate.
- Most detailing is accomplished with the 2 basic Black Pearl components, with the possible job specific additions of butyl tape, expansion joint components, protection course, drainage courses and select overburdens.
- Detailing and flashings are installed before the field of the waterproofing membrane is installed. This sequence facilitates ease of application which results in improved quality of workmanship and productivity.
- PMMA is an acceptable flashing alternative for some details.
- All drains should be sumped and set below the membrane elevation.

**Additional information is available at [www.barrettroofs.com](http://www.barrettroofs.com) or technical Services at 800-647-0100**