



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305)375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT SECTION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

## ADVISORY MEMO

**TO: Miami-Dade County Building Officials**

**FROM: Herminio F. Gonzalez, P.E., Acting Director  
Building Code Compliance Office**

**DATE: July 8, 2002**

**SUBJECT: Acceptable Uses of Data Extrapolation and In-Situ Testing**

---

The Florida Building Code does not authorize the use of data extrapolation or in-situ testing to confirm maximum design pressures in excess of those shown in a Notice of Acceptance. The roofing assembly NOA lists the maximum design pressure for the accepted assembly. Such pressure is applicable to the field area of the roof as defined in ASCE 7-98.

If the Notice of Acceptance allows, then data extrapolation may used to establish uplift performance in the elevated pressure zones. As an alternate to data extrapolation, in-situ field uplift resistance testing of the in place roof assembly may be conducted in elevated pressure zones to confirm uplift resistance performance. Testing shall be conducted in compliance with Testing Application Standard 124. Such field uplift resistance testing shall be conducted to 1.45 times the design pressure for the tested pressure zone, and submitted to the building official for review.

For roof systems to be installed on a specific structure where an existing Notice of Acceptance may not be applied, such roofing system may be granted a one-time approval. The one-time approval is contingent on testing and/or rational analysis that would demonstrate that the roof system complies with the requirements of the Building Code. Applications for one-time approvals should be made through the Miami-Dade County Building Code Compliance Office, Product Control Division.

If you have any questions contact Mr. Michael Goolsby of my staff at (305) 375-4496.

HG:MG