

BCAB

Building Code Advisory Board of Palm Beach County

TECHNICAL ADVISORY

Issued on 09-26-2016
by Building Code Advisory Board

Subject: Electro-galvanized Roof Fasteners

This technical advisory is established to clarify the Building Code Advisory Board's position on the acceptance and use of Electro-Galvanized (EG) Roof Fasteners in Palm Beach County.

Several years ago, a local Roofing Contractor approached the Board with his observation of roofing fastener failures, specifically related to ridge-vent installations. After reviewing the data provided by the Contractor, the Board notified the Florida Building Commission (FBC). The FBC felt the information warranted further investigation and subsequently funded a Research Project with the University of Florida (UF) to conduct a detailed study on the Corrosion of Roofing Fasteners.

A Final Draft Report on the progress of UF's testing was submitted to the Florida Building Commission on June 1, 2016. The Report revealed a systemic failure of all EG roofing fastener specimens that were tested in accordance with Section 1506.5, 2014 Florida Building Code. A copy of the Report is posted on the Building Code Advisory Board's webpage:<http://discover.pbcgov.org/pzb/building/Boards/BCAB-Technical-Advisories.aspx>. Further testing has been authorized by the FBC and BCAB will continue to provide updates as they become available.

Upon review of preliminary findings, the Miami-Dade Product Control Section (MDPCS) suspended Listings on the EG roofing fasteners identified on the attached memo (dated March 31, 2016). The memo indicates that upon confirmation that the specified fasteners are found to be in compliance with the appropriate standards, the MDPCS listings will be reinstated. Further progress on the Miami-Dade testing can be monitored at <http://www.miamidade.gov/building/home.asp>.

At this time, the Board strongly advises against the use of electro-galvanized roofing fasteners in Palm Beach County pending the submittal of further evidence from Miami-Dade or the Florida Building Commission that a specific EG product is in full compliance with the Code.

For Building Code Advisory Board




Gary Kozan, Chair



MEMO

TO: All Building Officials in Miami-Dade County

FROM: Michael L. Goolsby, Division Director 
Board and Code Administration Division

DATE: March 15, 2016 (Revised March 31, 2016)

SUBJECT: Electrogalvanized Roofing Fastener Listing Removals
Rev. 3/31/16

11-1019.02 & 11-1019.03

12-0423.06

15-112304

13-0530.01

12-0423.03 & 12-0423.04

12-1205.11, 12-1205.13 & 13-0514.05

Bluelinx Corporation

Continental Materials, Inc.

PrimeSource Building Products, Inc.

Specialty Fastening System

Summit Conglomerate, LLC

Weatherpro, LLC

This is to inform you that effective April 1, 2016 the referenced Miami Dade County electrogalvanized fastener listings are suspended. The suspension is due to the results of research conducted by the University of Florida, where randomly selected electrogalvanized roofing nails from different distributors including some approved by Miami Dade County were tested for corrosion per TAS 114 Appendix E. The results of the tests showed that none of the tested electrogalvanized nails sampled from current supplies in the market passed the test.

An action plan to reinstate the listings is underway, which requires independent selection of the test samples and testing to prove compliance with TAS114 Appendix E. Upon confirmation, the listing will be reinstated.

If you have any questions or need additional information, please contact Americo Segura, M.S., Quality Assurance Unit Supervisor at 786-315-2594.

Thank you for your attention on this matter.