FRY REGLET
ARCHITECTURAL METALS

WIND LOAD TEST DATA

THE PROBLEM

Blow-offs occur when winds lift the flashing and get under the roofing material, tearing it off and exposing the building interior to rain and wind damage. To protect your roofs from blow-off, specify flashing systems certified by the manufacturer to resist 110 mph wind loads.

THE SOLUTION

Fry Reglet Springlok flashing systems have been independently tested and certified to seal tightly against winds up to 110 mph (±5%) for a duration of at least two hours without any movement of the reglet or flashing.

- The Springlok system is the only flashing product in the industry to pass the two-hour 110 mph test.
- In nearly 50 years, Springlok flashing and reglet systems have never failed.

TEST PARAMETERS

- Tested materials included galvanized steel, aluminum and stainless steel surface mounted reglet and flashing.
- All three metals were tested both with and without wind-lock clips (six tests total).
- Test deck was a 50" x 66" plywood deck with 2" x 4" framing, constructed with a 16" parapet wall and a 4" cant strip and covered with EPDM membrane.
- Reglet and flashing were installed per manufacturer's installation instruction.

METHODOLOGY

- Test method ASTM D 3161, "Wind Resistance (Fan-Induced Method)."
- Conducted by the Center for Applied Engineering Materials Testing Service at the Celotex Corporation Technical Center, St. Petersburg, FL.

EQUIPMENT

- Wind generator capable of delivering a horizontal stream of air through a rectangular opening 22" wide and 7" wide at a velocity of 110 mph ±5% as measured at the orifice.
- Dwyer No. 16 U tube manometer (cat. no. 1223-16) and Dwyer Pilot Tube (cat. no. 160-18).
- Video camera with time and date stamp.

TEST RESULTS

- Exposed to 110 mph (±5%) winds for a duration of two hours:
- No lift or movement of galvanized steel, aluminum and stainless steel reglet and flashing with wind clips.
- No lift or movement of galvanized steel, aluminum and stainless steel reglet and flashing without wind clips.

ROOF FLASHING