



# STINGER®

## WIND TEST

ASTM D3161

**Tested without shingles to prove the holding power of STINGER collated caps.**

### STANDARD TEST METHOD FOR WIND-RESISTANCE OF STEEP SLOPE ROOFING PRODUCTS

#### TESTING AND EVALUATION METHOD

Each test evaluates the fastening methods for windspeeds of 30, 50, 70, 90, and 110mph, provided that the test durations are successfully achieved. The 30, 50, and 70 mph speeds were held for 20 minutes each, while 90 and 110 mph are each held for 30 minute observation periods.

Test #	Fastening Method	Highest Achieved Windspeed Interval (mph)	Results
1	A-11 3/8" x 3/8" Coated Staples fastened using STINGER Hammer Tacker	50	Fail
2	1" Electro-Galvanized Roofing Nails without Tin Tabs fastened by hand	70	Fail
3	<b>1" STINGER Cap Nails fastened using the STINGER CN100 pneumatic Cap Nailer - 1" Diameter Caps</b>	<b>110</b>	<b>PASS!</b>
4	<b>7/8" STINGER Cap Staples using STINGER CS150 pneumatic Cap Stapler - 1" Diameter Caps</b>	<b>110</b>	<b>PASS!</b>
5	1" Electro-Galvanized Roofing Nails with 1-5/8" Tin Tabs fastened by hand	110	PASS!

#### CN100 CAP NAILER



#### CS150 CAP STAPLER



*Testing was carried out in accordance with ASTM D3161/D3161M-16a, Standard Test Method for Wind Resistance of Steep Slope Roofing Products.*