

## WHAT IS HOLDING THE FLASHING ON ?????

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Last fall one of our recently completed projects suffered some wind related flashing failure after post tropical storm Noel. The roofer quickly secured the damaged areas in a temporary manner with face screws but we questioned why this happened at all.

We had not seen the damaged area before the temporary repair was completed so had no idea what the actual spacing of fasteners was in the continuous cleat but we recollected a discussion with the roofer during construction and an assurance that the screws were at 16" c/c.

We went back to our specification to see what the detail was for fastening the continuous cleat. There was nothing on fasteners other than ~~to~~ CRCA details.+ We consulted the CRCA manual and the only mention of fasteners there was that ~~the~~ roofing nail should go 1" into the backing.+

We then went to the National Master Specification and found that it also referenced the CRCA manual. This tight little circle was getting me nowhere. I decided to call one of the members of RCANS to see what they considered standard practice to be for this detail. A half hour later I received a faxed copy of a CRCA Advisory Bulletin dated June 2007 with the title ~~Perimeter~~ Edge Flashing and Wind Resistance+.

That bulletin indicated that FM 1-49 with the title Perimeter Flashing should be consulted for details on flashing. I contacted another member of RCANS and received a copy of this document. The document is full of good information but the answers to many of my questions are contained in Table 1 on page 9. The table lists four gauges for each of three flashing metals - steel, aluminum and copper. It gives the maximum allowable width of flashing for each gauge for each of three velocity pressures, including 1-90 which a common requirement in Nova Scotia. In each case the hook strip is one gauge thicker than the flashing metal.

FM 1-49 is packed with very useful information. This document should be in the library of everyone involved with the design and construction of roofs and it should be referred to often.