



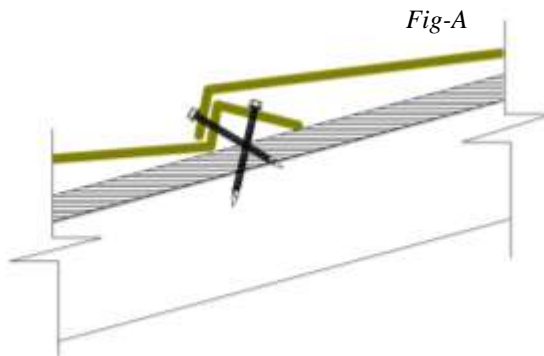
SMART Brief

T E C H N I C A L B U L L E T I N

DATE: Friday, September 17, 2004 **No:** SB-02-040922-Rev-2215
TO: Contractors & Distributors **Page** 1 of 1
FROM: Metro Technical Services Division
SUBJECT: Metro batten-less, exposed fastened panels, alternative fastening method

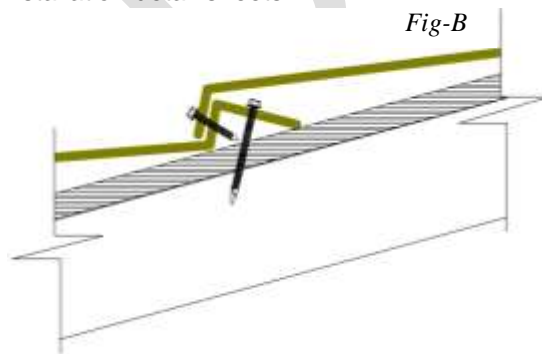
General Information

Metro stone-coated steel exposed fastened panels most common install method uses a minimum of four (4) evenly spaced #10 X 2-in long HWH screws (or 2-3/8-in long X .131-in dia Ring Shank nails) across the back flange and across the nose of each panel. This fastening method creates an 'X' pattern when viewed in cross-section as shown in (Fig-A) and provides the uplift strength proven in dynamic testing at Underwriters laboratories (UL).



Alternative Fastening for the Metro Batten-Less systems

An alternate to the 'X' fastening pattern above uses a minimum of four (4) evenly spaced #10 X 2-in long HWH screws (or 2-3/8-in X .131-in dia Ring Shank nails) across the back flange and then fastens the panel nose to the back vertical up-stand of the panel beneath with four (4) #10 X 1-in. long HWH 'Stitch' screws located as shown on the Metro installation detail sheets.



WARNING:

The nose 'Stitch' fastening method should only be used in areas where the wind design speed does not exceed 80-MPH. This nose 'Stitch' fastening method cannot be used when installing batten-less panels for High Velocity Hurricane Zone (HVHZ) areas.

(ALL exposed fasteners shall meet a minimum 1,000hr Salt Spray Corrosion Resistance test)

Metro Roof Products SMARTBrief Technical Bulletins are for use by all Metro Roof Products customers. Each SMARTBrief is coded with a reference number and can be used to support various trade practices that are acceptable to, and have met Metro Roof Products quality standards in effect at the time. Metro Roof Products reserves the right to amend or update these SMARTBrief Technical Bulletins at any time.

C:\Users\Peter\Documents\TECHNICAL\SMART Briefs\SB-02-0040922AlternateFASTENERbattenless-Rev-2215.doc

Metro Roof Products

3093 'A' Industry Street
Oceanside CA 92054
Tel: (760) 435-9842
Fax: (760) 435-1162

www.smartroofs.com