



SMART Brief

TECHNICAL BULLETIN

DATE: 7 April 2008 No: SB-14 06111002 – **Rev - 032415**
TO: Contractors & Distributors Page 1 of 1
FROM: Metro Technical Services Division
SUBJECT: METRO EXPOSED FASTENERS

Metro Fasteners – EXPOSED

Metro nails & screws that are used in exposed locations on the roof must be able to withstand a minimum 1,000 hours of exposure to ASTM B 117 Salt Fog Testing without showing signs of red rust.

ITEM	FASTENER DESCRIPTION	SIZE
SCREWS	¼"-HWH-LocFast, Oxysel, Hi-Lo, No-Washer, Sharp Pt.-Colored	#10 X 1" long
	¼"-HWH-LocFast, Oxysel, Hi-Lo, No-Washer, Sharp Pt.-Colored	#10 X 2" long
	¼"-HWH-LocFast, Oxysel, Hi-Lo, No-Washer, Sharp Pt.-Colored	#10 X 2-1/2" long
	¼"-HWH-LocFast, Oxysel, Hi-Lo, w/Rbr-Washer, Sharp Pt.-Zinc	#10 X 1-1/2" long
	¼"-HWH SMART-Fast 410 Stainless Steel., Hi-Lo, Sharp Pt., Blk-shaft, Color Hd.	#10 X 2" long
	¼"-HWH SMART-Fast 410 Stainless Steel., Hi-Lo, Sharp Pt., Blk-shaft, Color Hd.	#10 X 2-1/2" long
	¼"-HWH Stitch, Black e-Coat, Sharp Pt. BLACK	# 8 X ½" long
NAILS	Ring Shank BLACK 21-degree Gun Stick nails	2" X .131" dia.
	Ring Shank BLACK 21-degree Gun Stick nails	2-3/8" X .131" dia.
	Ring Shank BLACK 21-degree Gun Stick nails	3" X .131" dia.

Metro does not require its exposed panel fasteners (Nails or screws) to have rubber washers and/or dome caps on each fastener, due to the unique fastener location across the front downturn nose of each panel being out of the main water channel and the penetration angle of the fastener. The panel fasteners are positioned at an angle so they penetrate the nose of the top panel then the back-up-stand of the panel beneath and finally into the roof deck or batten.

Metro Fasteners – CONCEALED

Metro nails & screws used in concealed locations on the roof must be able to withstand a minimum 1,000 hours of exposure to ASTM B 117 Salt Fog Testing without showing signs of red rust.

ITEM	FASTENER DESCRIPTION	SIZE
SCREWS	¼"-HWH-LocFast, Oxysel, Hi-Lo, No-Washer, Sharp Pt.-Colored	#10 X 1" long
NAILS	Ring Shank, .120 diameter Gun Coil Nails	1-1/4" X .120" dia.

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