

Corrosion Protection - Carbon Steel

MF-R2000 Anti-Corrosion

MF-R2000 Anti-Corrosion is a superior anti corrosion coating system that surpasses the test standards specified by AS3566.2-2002 Class 3.

A coating system consisting of 3 layers which combine to give exceptional corrosion protection.

1st Layer - An electro zinc plating process is used to deposit a sacrificial coating on the complete surface.

2nd Layer - A passivating chromate conversion layer to passivate the Zinc plating, further inhibiting coating loss.

3rd Layer - An outer barrier layer of epoxy polymer resins, forms a high performance barrier against oxidation, heat, chemical and scratches.

Australia Standard AS3566.2-2002 Class 3 Accelerated Testing Compliance

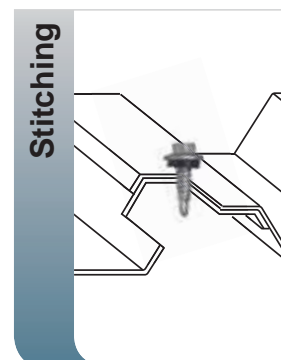
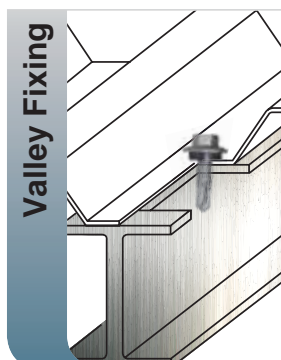
- 1 Salt Spray Test in accordance with AS2331.3.1 – 1000 hrs
(less than 5% red rust)
- 2 Kesternich Test in accordance with DIN 50018-15 cycles
(less than 5% red rust)
- 3 Humidity Test 100% humidity in accordance with ASTM D2247-1000 hrs
(no blister size S3 or larger)
- 4 Ultraviolet Test accordance with ASTM G154-2000 hrs
(no cracking,flaking and peeling)

The above tests were done at TUV SUD PSB Pte Ltd and the MF-R2000 coated screws passed all the lab tests stipulated by the AS 3566.2-2002 Class 3 standards.



Application & Selection Guide

FOR FIXING TO METAL



Hexagon Head



Diameter	Size	Drill Capacity	Packing	Part Number
4.8mm / 10G	10 - 16 x 16mm	≤ 6mm	1000	MF - H3 - 101616



5.5mm / 12G	12 - 14 x 20mm	≤ 6mm	500	MF - H3 - 121420
	12 - 24 x 20mm	≤ 6mm	500	MF - H3 - 122420
	12 - 14 x 30mm	≤ 6mm	500	MF - H3 - 121430
	12 - 14 x 45mm	≤ 6mm	1000	MF - H3 - 121445
	12 - 24 x 50mm	≤ 6mm	1000	MF - H3 - 122450
	12 - 14 x 55mm	≤ 6mm	1000	MF - H3 - 121455
	12 - 24 x 68mm	≤ 6mm	1000	MF - H3 - 122468

Hexagon Head (No.5 Point)



Diameter	Size	Drill Capacity	Packing	Part Number
5.5mm / 12G	12 - 24 x 38mm	≤ 12.5mm	500	MF - H5 - 122438
	12 - 24 x 68mm	≤ 12.5mm	1000	MF - H5 - 122468

Hexagon Head (Reduced Point)

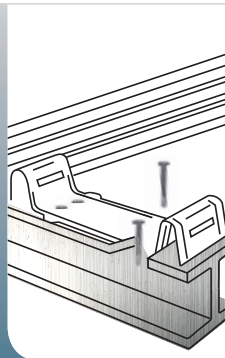


Diameter	Size	Drill Capacity	Packing	Part Number
6.5mm / 15G	15 - 15 x 20mm	≤ 2mm	500	MF - H1 - 151520

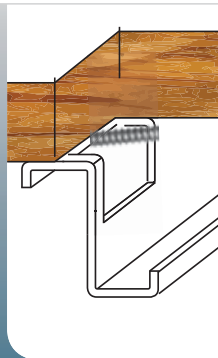
Application & Selection Guide

FOR FIXING TO METAL

Clip Fixing



Timber to Metal



Wafer Head



Diameter	Size	Drill Capacity	Packing	Part Number
4.8mm / 10G	10 - 24 x 16mm	≤ 6mm	1000	MF - W3 - 102416
	10 - 24 x 22mm	≤ 6mm	1000	MF - W3 - 102422
	10 - 24 x 32mm	≤ 6mm	500	MF - W3 - 102432

Wafer Head (No.5 Point)



Diameter	Size	Drill Capacity	Packing	Part Number
5.5mm / 12G	12 - 24 x 38mm	≤ 12.5mm	500	MF - W5 - 122438

Button Head



Diameter	Size	Drill Capacity	Packing	Part Number
4.2mm / 8G	8 - 15 x 15mm	≤ 1mm	1000	MF - BS - 081515

Countersunk Head (Rib)



Diameter	Size	Drill Capacity	Packing	Part Number
4.8mm / 10G	10 - 16 x 25mm	≤ 5mm	500	MF - C3 - 101625
	10 - 16 x 35mm	≤ 5mm	500	MF - C3 - 101635
	10 - 16 x 50mm	≤ 5mm	500	MF - C3 - 101650

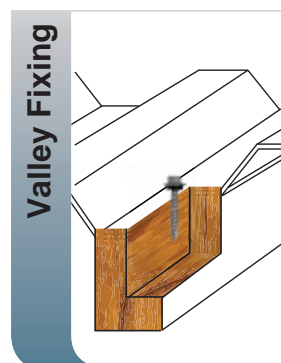
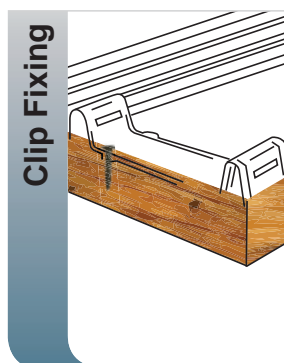
Countersunk Head (SDS Wing)




Diameter	Size	Drill Capacity	Packing	Part Number
4.8mm / 10G	10 - 16 x 40mm	≤ 5mm	500	MF - WT - 101640
	10 - 16 x 55mm	≤ 5mm	1000	MF - WT - 101655
	10 - 16 x 75mm	≤ 5mm	500	MF - WT - 101675

Application & Selection Guide

FOR FIXING TO TIMBER




Hexagon Head (Timber)



Diameter	Size	Minimum Embedment	Packing	Part Number
5.5mm / 12G	12 - 11 x 25mm	20mm	1000	MF - H17 - 121125
	12 - 11 x 35mm	20mm	1000	MF - H17 - 121135
	12 - 11 x 50mm	30mm	1000	MF - H17 - 121150
	12 - 11 x 65mm	30mm	1000	MF - H17 - 121165
	12 - 11 x 75mm	30mm	1000	MF - H17 - 121175

Wafer Head (Timber)



Diameter	Size	Minimum Embedment	Packing	Part Number
4.8mm / 10G	10 - 12 x 25mm	20mm	1000	MF - W17 - 101225
	10 - 12 x 35mm	20mm	1000	MF - W17 - 101235