

# SELF DRILLING SCREWS

MARK<sup>plus</sup><sup>TM</sup>  
FASTENERS

EPOXY POLYMER COATING



RoHs  
Compliant

## Applications of Self Drilling Screws



## Uniqueness Of Epoxy Polymer Coating

Epoxy Polymer coating is a water borne coating

Base metal is covered with electro - zinc plating which is then covered with epoxy based organic polymer through Electro-Coating process

Polymer coating acts as an anti-corrosive agent in humid environment wherein electro-zinc plating plays the role of sacrificial element. Zinc corrodes due to chemical reaction thus protecting the base from getting rusted

Coating Process is in accordance with AS3566 Class3

Minimum thickness of coating is 25µm(microns)

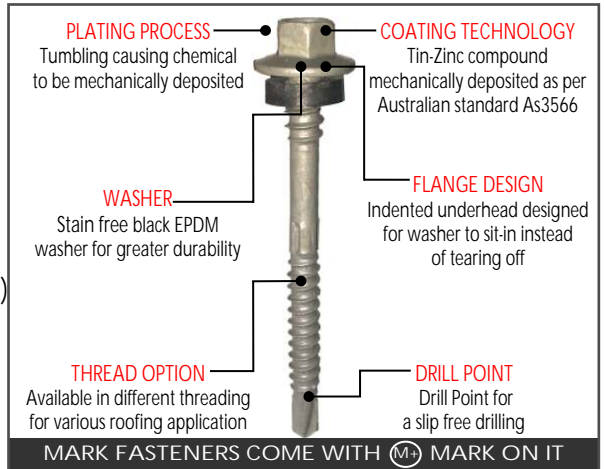
Coating process is fully RoHS compliant and it does not contain any hazardous substance

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## Features Of Mark Self Drilling Screws

Made from ultra tough carbon steel of Class C - 1022  
 Cold forged and heat treated method for extra strength and durability  
 Drill points of various capacity to drill different thickness of metal smoothly  
 Epoxy based organic polymer coating to prevent rust  
 Electro-Coating provides cover to exposed area completely for long lasting effect  
 Undergone various tests to match ASTM and Australian standard (AS3566-2002 part 2)  
 EPDM washer acts as a water preventing agent  
 Available in variety of pre-mutation as per the job demand



## Ordering Sizes:

Code #	Size (mm)	Drilling Point	Thread	Drilling Cap(mm)
<b>Stitching Screws</b>				
S305	10-16 x 16	# 2	Full	2
S304	10-16 x 20	Sharp Point	Full	1.2
<b>Valley Fixing Screws</b>				
S306	12-14 x 25	# 3	Full	5
S064	12-14 x 30	# 4	Full	8
S067	12-14 x 40	# 4	Full	8
<b>Valley Fixing Screws Above 6mm Purlin</b>				
S070	12-24 x 32	# 5	Full	12.5
<b>Crest Fixing</b>				
S064	12-14 x 45	# 4	Full	8
S308	12-14/14-14 x 55	# 3	Double	5
S307	12-14 x 58	# 4	Full	8
S068	12-14 x 60	# 4	Full	8
S069	12-14/14-14 x 80	# 4	Double	8
<b>Crest Fixing Screws Above 6mm Purlin</b>				
S071	12-24 x 65	# 5	Full	12.5
S147	12-24 x 80	# 5	Full	12.5

### Tests in Accordance with AS 3566

1000 Hrs Neutral salt test as per AS2331. 3.1

1000 Hrs of 100% Humidity Exposure as per ASTM D. 2247

2000 Hrs of UV Condensation Exposure as per ASTM G 154

15 cycles of Kesternich as per DIN 50018 SFW 2.05S

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