

Tech Note #9: Mounting Screw Compatibility

Registered to ISO 9001:2000

When selecting mounting screws for AmesburyTruth, coating compatibility is one of the most important criteria. For best corrosion resistance, the coating on the screws should be the same as the coating on the hardware. For example: stainless steel screws should be used to fasten stainless steel components to the window or door. If steel screws were to be used, a galvanic corrosion problem would develop between the dissimilar metal of the screws and the components. This would result in the screw heads rusting which could eventually break off.

The following compatibility chart will help you select screws which will work for each type of coating and hardware material you may encounter.

Part Finish					
Mounting Screw Finish	E-Gard on Steel or Zinc	Paint on Steel or Zinc	Brushed Copper Nickel on Cast Zinc	CoastGard on Steel	Austenitic Stainless Steel
Zinc plated					
Cadmium Plated Steel					
E-Gard Coated Steel	Recommended	Recommended			
CoastGard Plated				Recommended	
Paint over Zinc Plated Steel		Recommended			
Cadmium plated 410					
Zinc plated 410 stainless					
410 Stainless Steel					
Austenitic Stainless Steel			Recommended		Recommended

RECOMMENDED	ACCEPTABLE	UNACCEPTABLE
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