TECH NOTE #11

Mounting Screw Compatibility

When selecting mounting screws for Truth Hardware, 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.

Mounting Screw Finish	Part Finish					
	E-Gard® on Steel or Zinc	Paint on Steel or Zinc	BCN plate on Cast Zinc	CoastGard® on Steel	300 series Stainless Steel	Corrosion Gard® on Steel
Zinc plated steel ß						Recommended
Cadmium plated steel						
E-Gard coated steel ß	Recommended	Recommended				Recommended
CoastGard plated steel ß				Recommended		
Paint over Zinc plated steel ß		Recommended				
Cadmium plated 410 stainless						
Zinc plated 410 stainless						
410 stainless steel						
300 stainless steel ß			Recommended		Recommended	

Recommended	
Acceptable	
Unacceptable	

ß - Screw finish available from Truth
BCN - Brushed Copper Nickel
Zinc plated steel parts - Use same screws as Corrosion Gard