



**AEROSMITH FASTENING SYSTEMS – March, 2018**

**TECHNICAL BULLETIN #102: “Nominal” Tech Data\* by Fastener Group:**

TECH DATA	VersaPin®	SurePin®	PowerPin®	TraxPin®
<b>Lengths</b>	1” to 2 ½”	1” to 2 ½”	1” to 2 ½”	¾” to 1 ½”
<b>Shank Diam.</b>	.100” tp .128”	.145”	.100” to .145”	.101” & .102”
<b>Knurl Type</b>	Smooth, Gripshank® Helical or Double Knurl	Smooth or Helical	Smooth, or Helical	Smooth
<b>Head Diam.</b>	.250” - .312” - .325”	.300”	.300” - .325”	.250”
<b>**Withdrawal Steel (lbs.)</b>	ESR 3145 ESR 1641 PER 06014		ESR 3453	PER 15094
<b>**Withdrawal Block/CMU(lbs)</b>		PER 07021	PER 15094	PER 15094
<b>**Withdrawal Concrete (lbs.)</b>		ESR 3453 ESR 3833	ESR 3453 ESR 3833	PER 15094
<b>^ASTM B117 - Corrosion Resistance ‘Plated’ (hrs to ‘red rust’)</b>	Available as: Electro Gal. Mech. Gal. or PT2000 (see chart)	Available as: Electro Gal. Mech. Gal. or PT2000 (see chart)	Available as: Electro Gal. Mech. Gal. or PT2000 (see chart)	Available as: Electro Gal.  (see chart)

^Aerosmith® Corrosion Resistance Performance by Plating/Coating – 2018  
(hours to ‘red rust’ per ASTM B-117 ‘Salt Spray’ protocols)

Electro Galvanization	105 to 192 hours
Mechanical Galvanization	92 to 140 hours
Specialty Coating	915 to 1000 hours
PT 2000®	1990 to 2060 hours

**\*\*Sources:** Performance values published in current Certified Building Code Evaluation Report linked above: PER 15094; PER 07021; PER 06014; ESR 3145 (also has shear wall results); ESR 1641; ESR 3453; ESR 3833

\*Contact your design professional for the accepted use for the above listed performance values.

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