



## AEROSMITH® FASTENING SYSTEMS

TECHNICAL BULLETIN #103

October 2004

### Average Ultimate Fastener Withdrawal Values (Pounds)

#### Aerosmith® Fastening Systems

Fastener	STEEL THICKNESS					
	27 mil (22 ga)	33 mil (20 ga)	43 mil (18 ga)	54 mil (16 ga)	68 mil (14 ga)	97 mil (12 ga)
Aerosmith® Brand Pins (VersaPin™)	185.0	285.0	400.2	531.4	748.4	834.0
*S-12 Screw	No Value	165	496	453	825	911

\* S-12 Screw withdrawal values published by ITW Buildex on 10/20/04.

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