

Mechanical & Hidden Fastener Options



When installing WeatherBest® decking products, you have a number of fastener choices. The test results below are intended to help installers evaluate which fasteners may be best for your application (please note that the allowable loads and uplift capacities include a safety factor of 3):

Standard Stainless Steel Deck Screw:

Type	Property	Standard	Allowable Load
#8 x 2-1/2" (Bugle-Head)	Avg. Screw Withdrawal	ASTM D1761	248 [LBS]
#8 x 2-1/2" (Bugle-Head)	Avg. Screw Pull-Thru	ASTM D1037	300 [LBS]

Specialty Deck Screws:

Type	Property	Standard	Allowable Load
#10 x 2-1/2" (TrapEase® by Fasten Master®)	Avg. Screw Withdrawal	ASTM D1761	285 [LBS]
#10 x 2-1/2" (TrapEase by Fasten Master)	Avg. Screw Pull-Thru	ASTM D1037	317 [LBS]
#10 x 2-1/2" (Dexxter by Swan Secure)	Avg. Screw Withdrawal	ASTM D1761	275 [LBS]
#10 x 2-1/2" (Dexxter by Swan Secure)	Avg. Screw Pull-Thru	ASTM D1037	217 [LBS]

Hidden Fastener Systems:

Type	Property	Standard	Allowable Uplift
TC-3 Hidden System (by Tiger Claw®)	Avg. Uplift Resistance	ASTM E330-97	214 [PSF]
IQ™ Hidden System (by Fasten Master)	Avg. Uplift Resistance	ASTM E330-97	144 [PSF]

Check with your local authorities:

Before using specialty screws or hidden fastener systems check with your local building code authorities. In some areas, there are specific requirements for screw pull-thru capacity and wind uplift resistance capacity (especially in locations that are known for hurricanes and tornadoes) – only your local building code authority can determine if your chosen fastener is adequate.

Instructions and Warranties:

Follow the WeatherBest installation instructions and those of the fastener manufacturer when using specialty or hidden fasteners. LP does not guarantee the durability or long-term performance of any mechanical or hidden fastener (contact the manufacturer). To avoid cracks, mushrooming, or other installation issues – pre-drill when necessary and follow instructions.

Please call our technical services group with questions at 800-450-6106.