

GENERAL INFORMATION

KEY: ● Very Suitable ○ May Be Suitable Per Application

APPLICATION AND PRODUCT SELECTION GUIDE

Anchors		Fastening Base Material								Application Criteria					Program		
Page No.	Types of Anchors	Concrete	Cracked Conc.	Hard Natural Stone	Soft Natural Stone	Solid/Hollow	Grout Filled Block	Hollow Concrete Block	Wood/Metal	In-place (through) Fastening	Immediate Loading	Flush Surface Removing	Dynamic Loading	Temp Resistant	Materials	Versions	Characteristics
HEAVY DUTY																	
20	SZ High Load Anchor	●	●	○						●	●	●	●	●	- High Strength Steel - 316 Stainless Steel	- Stud Bolt - Flat Head	Expansion of steel sleeve by an internal cone with the matching taper.
7	Taper Bolt	●		○						●	●	●	●	●	- Grade 5 Steel Zinc Plated - Mechanically Galv. - Stainless Steel	- Hex Head Bolt - Eye Bolt	Metal expansion/ caulking anchor with large expander sleeve
MEDIUM DUTY																	
8	Sup-R-Bolt	●	●	○	○	○	●	○		●	●	●	●	●	- Zinc Plated Steel	- Hex Head Bolt	Hardened screw thread cuts into concrete or masonry
10	Sup-R-Stud TZ	●	●	○						●	●		●	●	- Zinc Plated Steel	- UNC Male Screw Thread	Expansion of stainless steel collar by tapered stud body
12	Sup-R-Stud TZ SS	●	●	○						●	●		●	●	- 304 / 316 Stainless Steel	- UNC Male Screw Thread	Expansion of stainless steel collar by tapered stud body
14	Sup-R-Stud V-TZ	●	●	○				○		●	●		○	●	- Zinc Plated Steel	- UNC Male Screw Thread	Expansion of a steel collar by a tapered stud body
16	Sup-R-Stud +	●		○				○		●	●		○	●	- Zinc Plated Steel - Mechanically Galv. - 303/304 Stainless Steel - 316 Stainless Steel - Grade 5 steel	- UNC Male Screw Thread - Tie Wire	Expansion of stainless steel collar by tapered stud body
18	Sup-R-Stud + Internal Thread	●		○				○		●	●	●	●	●	Zinc Plated Steel	- UNC Female Screw Thread	Expansion of a steel collar by a tapered stud body
19	Sup-R-Stud V	●		○				○		●	●		○	●	Zinc Plated Steel	- UNC Male Screw Thread	Expansion of a steel collar by a tapered stud body
22	Sup-R-Drop	●		○				○		●	●			●	- Zinc Plated Carbon Steel - 304 Stainless Steel - 316 Stainless Steel	- UNC Female Screw Thread	Expansion of anchor wall by internal tapered plug
23	Coil Threaded Drop	●		○						●	●			●	- Zinc Plated Carbon Steel	- Female Coil Thread	Expansion of anchor wall by internal tapered plug
23	Sup-R-Shorty Drop	●		○						●	●			●	- Zinc Plated Carbon Steel	- UNC Female Screw Thread	Expansion of anchor wall by internal tapered plug
24	Sup-R-Sleeve	●		○	○	○	●	●		●	●	○		●	- Zinc Plated Carbon Steel - 304 Stainless Steel	- Acorn Head - Hex Head - Round Head - Flat Head	Expansion of steel sleeve by tapered body
28	Forway	●		●	●	●	●	●		●	●	●	○	○	- Zinc Diecast Alloy	- UNC Female Screw Thread	Four way expansion of anchor wall by internal nut
LIGHT DUTY																	
28	Sup-R-Lag	●		●	○	○	○			●	●			○	- Zinc Diecast Alloy	- Female Lag Screw Threads	Body of shield separates when installing lag screw
26	Conset	●		●		●	●	●	○	●	●	●	○	○	- High Strength Steel - CR10 Coating	- Hex Head - Phillips Flat Head	Hardened screw thread cuts into concrete or masonry
27	Sup-R-Split	●		●	○	○	○			●	●			●	- Zinc Plated High Strength Steel - CR Electroplate	- Flat Head - Duplex Head	Fastener exerts compressive force against wall of hole
29	Import Single & Double	●		○	○		○			●	●		○	○	- Zinc Diecast Alloy	- UNC Female Screw Threads	Expansion of anchor wall by internal nut
30	Sup-R-Caulk	●		●	●	●	○			●	●				- Lead Shield w/Zinc Expansion nut	- UNC Female Screw Threads	Outer sleeve expanded by driving over plug
30	Sup-R-Lead	●		●	●	●	●	○		●	●				- Lead Diecast Alloy	- Wood Screw	Screw forms lead to hole wall
31	Sup-R-Toggle				○			○	●	●	●	●		○	- Zinc Plated Steel Stamping	- Spring Wing Round, Flat, Mushroom or Hanger Type	Legs Expand behind wall to provide keying hold
31	Plastic Screw Anchor	●		●	●	●	●	○	●	●	●				- Polypropylene	- Wood Screw	Screw forms plastic to hole wall
32	Tap-It	●		●	●	●	●	●	●	●	●			○	- Steel and Aluminum Nail - Stainless Steel Nail (limited Availability)	- Mushroom Heads - Round Heads - Flat Heads	Expansion of body by impact on nail head
33	Uni-Tap	●		●	●	●	●	●	●	●	●		○	○	- Nylon	- Mushroom Head	Hold by reverse tension of flutes
33	Zap-It	●		●	●	●	●	●	●	●	●			○	- Zinc Diecast Alloy - Carbon Steel - Zinc Plated Nail - Stainless Steel Nail	- Mushroom Head	Expansion of body by impact of nail head
34	Versa Toggle	○		○		○		●	●	●	●		○	○	- Nylon	- Screw	Legs expand behind wall to provide keying hold
34	Wallboard Anchor	○			○				●	●	●		○	○	- Zinc Diecast Alloy - Nylon	- Screw	Oversized threads cut into wall board
35	Holly							○	●	●	●	●		○	- Zinc Plated Sheet Metal	- Regular and Drive	Legs expand behind wall to provide keying hold