

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																		
13	Taper Bolt	●		○						●	●	●	●	●	- Grade 5 Steel Zinc Plated - Mechanically Galv. - Stainless Steel	- Hex Head Bolt - Eye Bolt	Metal expansion/ caulking anchor with large expander sleeve	
18	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	
MEDIUM DUTY																		
24	Sup-R-Bolt	●	●	○	○	○	●	○		●	●	●	●	●	Zinc Plated Steel 316 Stainless Steel	Hex Head Bolt	cuts into concrete or	
28	Sup-R-Stud TZ	●	●	○						●	●		●	●	- Zinc Plated Steel - 304 / 316 Stainless Steel	- UNC Male Screw Thread	Expansion of stainless steel collar by tapered stud body	
30	Sup-R-Stud TZ SS	●	●	○						●	●		●	●	- Zinc Plated Steel - 304 / 316 Stainless Steel	- UNC Male Screw Thread	Expansion of a steel collar by a tapered stud body	
32	Sup-R-Stud V-TZ	●	●	○			○			●	●		○	●	- Zinc Plated Steel	- UNC Male Screw Thread	Expansion of a steel collar by a tapered stud body	
10	Sup-R Stud +	●		○			○			●	●		○	●	- Zinc Plated Steel - Mechanically Galv. - 302/304 Stainless Steel - 316 Stainless Steel - Grade 5 Steel	- UNC Male Screw Thread - Tie Wire	Expansion of stainless steel collar by tapered stud body	
34	Sup-R Stud + Internal Thread	●		○			○			●	●	●	●	●	- Zinc Plated Steel - 304 / 316 Stainless	- UNC Female 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	
26	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	
12	Forway	●		●	●	●	●	●		●	●	○	○	○	- Zinc Diecast Alloy	- UNC Female Screw Thread	Four way expansion of anchor wall by internal nut	
LIGHT DUTY																		
43	Sup-R Lag	●		●	○	○	○			●	●			○	- Zinc Diecast Alloy	- Female Lag Screw Threads	Body of shield separates when installing lag screw	
39	Conset	●		●		●	●	●	○	●	●	●	○	○	- High Strength Steel CR10 Coating	- Hex Head - Phillips Flat Head	Hardened screw thread cuts into concrete or masonry	
40	Sup-R Split	●		●	○	○	○			●	●			●	- Zinc Plated High Strength Steel - CR plated - ACQ Approved	- Flat Head	Fastener exerts compressive force against wall of hole	
41	Import Single & Double	●		○	○		○			●	●		○	○	- Zinc Diecast Alloy	- UNC Female Screw Threads	Expansion of anchor wall by internal nut	
37	Sup-R-Caulk	●		●	●	●	○			●	●				- Lead Shield w/Zinc Expansion nut	- UNC Female Screw Threads	Outer sleeve expanded by driving over plug	
37	Sup-R-Lead	●		●	●	●	●	○		●	●				- Lead Diecast Alloy	- Wood Screw	Screw forms lead to hole wall	
38	Sup-R Toggle				○			○	●	●	●	●	○		- Zinc Plated Steel Stamping	- Spring Wing Round, Flat, Mushroom or Hanger Type	Legs Expand behind wall to provide keying hold	
38	Plastic Screw Anchor	●		●	●	●	●	○	●	●	●				- Polypropylene	- Wood Screw	Screw forms plastic to hole wall	
14	Tap-It	●		●	●	●	●	●	●	●	●			○	- Steel and Aluminum Nail	- Mushroom Heads - Round Heads - Flat Heads	Expansion of body by impact on nail head	
15	Uni-Tap	●		●	●	●	●	●	●	●	●			○	- Nylon	- Mushroom Head	Hold by reverse tension of flutes	
43	Zap-It	●		●	●	●	●	●		●	●			○	- Zinc Diecast Alloy - Carbon Steel - Zinc Plated Nail - Stainless Steel Nail	- Mushroom Head	Expansion of body by impact of nail head	
41	Wallboard Anchor	○			○				●	●	●	○	○	○	- Zinc Diecast Alloy - Nylon	- Screw	Oversized threads cut into wall board	
42	Holly							○	●	●	●	●	○	○	- Zinc Plated Sheet Metal	- Regular and Drive	Legs expand behind wall to provide keying hold	

Drill Bits meet ANSI B212.15