

Anchoring Selection Chart

Anchor Selection Chart		Adhesive Anchors			Screw Anchors		Expansion Anchors	
		A7+	C6+	G5+	LDT	Tapcon	Torque-Set	
							Trubolt	Dynabolt
Base Material	Uncracked Concrete	A7+	C6+	G5+	LDT	TAP	TRU	DYNA
	Cracked Concrete	A7+	C6+	G5+				
	Lightweight Concrete	A7+	C6+	G5+		TAP	TRU	DYNA
	Lightweight Concrete on Metal Deck				LDT		TRU	
	Hollow Core Concrete							
	Grout Filled Concrete Block	A7+	C6+		LDT			DYNA
	Hollow Concrete Block	A7+	C6+		LDT	TAP		DYNA
	Solid Brick	A7+	C6+					
Drywall								
Hole Conditions	Oversized Holes		C6+					
	Water Saturated Concrete	A7+	C6+	G5+	LDT		TRU	DYNA
	Water-filled Holes	A7+	C6+	G5+	LDT		TRU	DYNA
	Submerged	A7+	C6+	G5+				
	No Hole Cleaning Procedures							
Application Requirements	Through Fixture Fastening	A7+	C6+	G5+	LDT	TAP	TRU	DYNA
	Immediate Loading				LDT	TAP	TRU	DYNA
	Finished Head or Flush Surface				LDT	TAP		DYNA
	Easy to Remove				LDT	TAP		
	Seismic	A7+	C6+	G5+				
	Cyclic Loading	A7+	C6+	G5+			TRU	
	High Temperature Resistance	A7+	C6+	G5+	LDT	TAP	TRU	DYNA
	Sustained Load	A7+	C6+	G5+	LDT	TAP	TRU	DYNA
Corrosion Resistance	Zinc Plated	A7+	C6+	G5+			TRU	DYNA
	Hot-Dipped Galvanized	A7+	C6+	G5+			TRU	
	304 Stainless Steel	A7+	C6+	G5+			TRU	DYNA
	316 Stainless Steel	A7+	C6+	G5+			TRU	
	410 Stainless Steel	A7+	C6+	G5+	LDT	TAP		
	Trade Secret Coating				LDT	TAP		
Anchor Diameters	3/16"					TAP		
	1/4"	A7+				TAP	TRU	DYNA
	5/16"					TAP		DYNA
	3/8"	A7+	C6+	G5+	LDT		TRU	DYNA
	1/2"	A7+	C6+	G5+	LDT		TRU	DYNA
	5/8"	A7+	C6+	G5+	LDT		TRU	DYNA
	3/4"	A7+	C6+	G5+	LDT		TRU	DYNA
	7/8"	A7+	C6+	G5+				
	1"	A7+	C6+	G5+				
	1-1/4"	A7+	C6+	G5+				
	Rebar Sizes	#3-11	#3-11	#3-10				
At 70°F	Working Time (minutes)	5	16	16				
	Cure Time (minutes)	45	390	480				