DEWALT

ANCHORS & FASTENERS

ADHESIVE ANCHORS SELECTION GUIDE

		Base Material									Nominal Anchor Size													Hole Drilling Method[1]		Hole Condition				Install Temps (Guide)			Approvals and Listings[2]
		Concrete	Lightweight Concrete	Grout-filled Concrete Masonry	Solid Brick	Stone	Hollow Concrete Masonry*	Hollow Brick*	Hollow Structural Clay Tile*	Hollow Core Concrete*	1/4"	3/8" (#3)	1/2" (#4 or 10M)	5/8" (#5 or 15M)	3/4" (#6 or 20M)	7/8" (#7)	1" (#8 or 25M)	1-1/8" (#9)	1-1/4" (#10 or 30M)	1-3/8" (#11 or 35M)	1-1/2"	1-3/4" (#14 or 45M)	2"	Hammer-drill	Core-drill	Dry	Wet or Water-filled	Underwater	Oversized	Cold Climate	Moderate Climate	Hot Climate	Construction Code, Standard, Agency and/or Jurisdiction
FAST CURE ADHESIVES (HYBRID / ESTER BASE CHEMISTRY)	**AC200+**™ Ultimate Bond Strength	●	●	●	●	○	○	○	○	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	○	ICC-ES ESR-4027 IBC, NBC, City of LA, FBC, NSF, LEED, ASTM C881, DOT AASHTO M235
	AC100+ Gold® Premium Bond Strength	●	●	●	●	○	●	●	○	○	○	●	●	●	●	●	●	●	●	○	○			●		●	●			●	●	○	ICC-ES ESR-2582 ESR-3200, ESR-4105 IBC, NBC, City of LA, FBC, NSF, LEED, ASTM C881, DOT AASHTO M235
	AC50™ Standard Bond Strength	●	○	○	○	○						●	●	●	●	●	●	○	○					●		●	○			●	●	○	ASTM C881, DOT AASHTO M235
STANDARD CURE EPOXIES (EPOXY BASE CHEMISTRY)	**Pure220+**™ Ultimate Bond Strength	●	●	●	●	○	○	○	○		○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	ICC-ES ESR-5144 IBC, NBC, City of LA, FBC, NSF, LEED, ASTM C881, DOT AASHTO M235
	Pure110+® Premium Bond Strength	●	●	●	○	○	●	○			○	●	●	●	●	●	●	●	●	●	●	○	○	●	○	●	●	●	●		●	●	ICC-ES ESR-3298 IBC, NBC, City of LA, FBC, NSF, LEED, ASTM C881, DOT AASHTO M235
	Pure50+™ Standard Bond Strength	●	●	○	○	○						●	●	●	●	●	●	●	○	○				●		●	●		●		●	●	ICC-ES ESR-3576 IBC, FBC, NSF, LEED, ASTM C881, DOT AASHTO M235

● Suitable ○ May be Suitable (consider contacting DEWALT anchors and fasteners technical support at anchors@DEWALT.com for more information concerning specific application suitability)

* Hollow base materials require installations with screen tubes; screen tubes are designed and tested for use with the selected adhesive anchor system.

1. Hammer-drill, i.e. rotary impact drills or rock drills with a carbide drill bit (including hollow drill bits); core-drill i.e. core-drill with a diamond core-drill bit.

2. For a current list of the DOT recognized products see the individual state product approval lists, as applicable.