

Adhesive Competitive Matrix



ACRYLIC	RED HEAD	DEWALT		SIMPSON Strong-Tie	HILTI		
PRODUCT SPEC	A7+	AC 100+ Gold	AC 200+	AT-3G	HY 100	HY 200 V3	HY 270
Volume (fl oz)	9.5, 28	9.5, 14, 28	9.5, 14	9.5, 28	11.1 & 16.9	11.1 & 16.9	11.1 & 16.9
Size(s) Compatible with Std Caulk Gun	9.5	9.5	9.5	9.5	-	-	-
Installation Temperature Range	14-110°F	14-104°F	14-104°F	23-104°F	14-104°F	14-104°F	23-104°F
Cure Time @ 70°F	45 min	45 min	30 min	30 min	30 min	A - 30 min R - 60 min	60 min
Gel Time @ 70°F	5 min	6 min	3 min	3 min	5 min	A - 4 min R - 9 min	9 min
Shelf Life	18 months	18 months	18 months	18 months	12 months	12 months	12 months
Min. Edge Distance (#4 rebar)	1-1/2"	1-3/4"	1-3/4"	1-3/4"	5da	2-1/2"	4"
Min. Spacing (#4 rebar)	1-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	4"
Made in	France	Germany	Germany	Germany	Germany	Germany	Germany
Threaded Rod	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 3/4"
Rebar	#3 - #11	#3 - #10	#3 - #10	#3 - #9	#3 - #10	#3 - #10	#3 - #6
Approvals/Listings	-2021, 2018, 2015, 2012, and 2009 IBC -IAPMO -NSF/ANSI -FL-BC/RC -ASTM -COLA -DOT	-2024, 2021, 2018 and 2015 IBC/RBC -COLA/BC and RC -FBC FRC -ASTM -DOT	-2024, 2021, 2018 and 2015 IBC/RBC -COLA/BC and RC -FBC FRC -ASTM -DOT	-2021, 2018, 2015, 2012, and 2009 IBC/RBC -COLA BC/RC -FRC/FBC -ASTM -UL -NSF	-2021, 2018, and 2015 IBC/IRC -IAPMO -NSF -2023 COLA BC/RC -FL BC/RC -DOT	-2021, 2018, and 2015 IBC/IRC -IAPMO -NSF -2023 COLA BC/RC -FL BC/RC -DOT	-2021, 2018, 2015, and 2012 IBC/IRC -COLA -FL -DOT

EPOXY	RED HEAD	DEWALT				SIMPSON Strong-Tie	HILTI			
PRODUCT SPEC	C6+	PURE 50+	PURE 110+	PURE 220+	PURE 500+	ET-3G	SET-3G	RE-100	RE-500V3	FP 700 R
Volume (fl oz)	15 & 30	9, 21, 51	9, 21, 51, 9.5, 13.5	9, 21, 51, 13.5	585mL	8.5, 22, 56	8.5, 22, 56	11, 16.9	11, 16.9, 47.3	16.5
Size(s) Compatible with Std Caulk Gun	-	9	9	9	-	8.5	8.5	-	-	-
Installation Temperature Range	40-110°F	50-104°F	41-110°F	41-110°F	0-40°C	50-110°F	40-100°F	41-104°F	23-105°F	41-104°F
Cure Time @ 70°F	6.5 hr	8 hr	8 hr	11 hr	12 hr	24 hr	24 hr	>12 hr	6.5 hr	7 days
Gel Time @ 70°F	16 min	25 min	25 min	30 min	30 min	50 min	35 min	30 min	25 min	20 min
Shelf Life	24 months	24 months	24 months	24 months	24 months	24 months	24 months	12 months	12 months	12 months
Min. Edge Distance (#4 rebar)	1-1/2"	2-1/2"	2-1/2"	1-3/4"	1-3/4"	3"	1-3/4"	2-1/2"	2-1/2"	2-3/4"
Min. Spacing (#4 rebar)	1-1/2"	2-1/2"	2-1/2"	2-3/8"	2-1/2"	1-3/4"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
Made in	USA*	USA*	USA*	USA*	Germany	USA*	USA*	Germany	Germany	Germany
Threaded Rod	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4" M8 - M30	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4"	3/8" - 1-1/4"	N/A
Rebar	#3 - #11	#3 - #10	#3 - #11	#3 - #10	#3 - #10 Ø8 - Ø32	#3 - #10	#3 - #10	#3 - #10	#3 - #10	#3 - #11
Approvals/Listings	-2021, 2018, 2015, 2012, and 2009 IBC -IAPMO -NSF/ANSI -FL-BC/RC -ASTM -COLA -DOT	-2024, 2021, 2018 and 2015 IBC/2021, 2018 and 2015 IRC -FBC -NSF -ASTM -DOT	-2024, 2021, 2018 and 2015 IBC/RBC -COLA/BC and RC -FBC FRC -NSF ANSI/ CAN 372 -ASTM -DOT	-2024, 2021, 2018 and 2015 IBC/RBC -COLA BC/RC -FBC FRC -NSF ANSI/ CAN61 -ASTM -DOT	-2024, 2021, 2018 and 2015 IBC/RBC ETA 20/1287	-2024, 2021, 2018, 2015, and 2012 IBC/RBC -2023 COLA BC/RC -UL -FBC/FRC -NSF -ASTM	-2024, 2021, 2018, 2015, and 2012 IBC/RBC -2023 COLA BC/RC -UL -FBC/FRC -NSF -ASTM	-2024, 2021, 2018, and 2015 IBC -NSF -COLA -FL -DOT	-2024, 2021, 2018, and 2015 IBC -NSF -COLA -FL -DOT	N/A

* Made in USA with U.S. and Global Materials

Adhesive Competitive Matrix



ACRYLIC	RED HEAD	DEWALT		SIMPSON Strong-Tie	HILTI		
APPLICATION	A7+	AC 100+ Gold	AC 200+	AT-3G	HY 100	HY 200 V3	HY 270
Uncracked concrete	•	•	•	•	•	•	
Cracked concrete	•	•	•	•	•	•	
Seismic Zones	A-F	A-F	A-F	A-F	A-F	A-F	
Grout filled block	•	•			•	•	•
Hollow block	•	•			•	•	•
Unreinforced brick		•					•
Oversized holes			O	O			
Cored holes						•	•
Structural Rebar (IBC Comp)	•	•	•	•	•	•	•
Hollow Drill Bit		•	•		•	•	•
Saturated(per ICC-ES)	•	•	•	•	•	•	
Water-filled(per ICC-ES)	•	•	•	•			
Submerged(per ICC-ES)	•						
Overhead	•	•	•	•	•	•	•

EPOXY	RED HEAD	DEWALT				SIMPSON Strong-Tie		HILTI		
APPLICATION	C6+	PURE 50+	PURE 110+	PURE 220+	PURE 500+	ET-3G	SET-3G	RE-100	RE-500V3	FP 700 R
Uncracked concrete	•	•	•	•	•	•	•	•	•	
Cracked concrete	•	•	•	•	•	•	•	•	•	
Seismic Zones	A-F	A-F	A-F	A-F	A-F	A-F	A-F	A-F	A-F	
Grout filled block	•					•	•			
Hollow block	•					•	•			
Unreinforced brick						•				
Oversized holes	O	O	O	O					O	
Cored holes	•		•	•	•				•	O
Structural Rebar (IBC Comp)	•	•	•	•	•	•	•	•	•	O
Hollow Drill Bit		•	•	•	•	•	•	•	•	
Saturated(per ICC-ES)	•	•	•	•	•	•	•	•	•	O
Water-filled(per ICC-ES)	•	•	•	•	•		•	•	•	
Submerged(per ICC-ES)	•		•	•			•	•	•	
Overhead	•	•	•	•	•	•	•	•	•	O