

COMPETITIVE COMPARISON

ANCHORS & FASTENERS

AC100+ GOLD® vs. ITW* A7+

PRODUCT COMPARISON

Product Name	AC100+ Gold	A7+
Company	DEWALT	ITW*
Description	Adhesive Anchoring System	Adhesive Anchoring System
Size Range (inch)	3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/4, #3, #4, #5, #6, #7, #8, #9, #10	3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/4, #3, #4, #5, #6, #7, #8, #9, #10
ICC-ES ESR (concrete)	ESR-2582	ESR-3903
Revision Date	2023 February	2023 December
Cracked Concrete	Yes	Yes
Seismic Approval in Concrete	Yes	Yes
Post-Installed Rebar Design	No	No
LEED	Yes	Yes
VOC	Yes	Yes
NSF 61 (potable drinking water)	Yes	Yes
* ITW Red Head is a registered trademark of Illinois Tool	Works, Inc.	•

PRODUCT PERFORMANCE COMPARISON

Factored Tension Loads Cracked Concrete



2500 psi concrete, ASTM A193 Gr. B7 rod, Single anchor, no edge, Sustained loading and Periodic special inspection

AC100 + Gold Bond strength capacities, dry hole, hammer-drilled, Max. In-service Temp: 122°F Long-term 176°F Short-term

A7+ Bond strength capacities, dry hole, hammer-drilled, Max. In-service Temp: 110°F Long-term 130°F Short-term

Factored Shear Loads Cracked Concrete



2500 psi concrete, ASTM A193 Gr. B7 rod, Single anchor, no edge, Sustained loading and Periodic special inspection

AC100+ Gold Pryout strength capacities*, dry hole, hammer-drilled, Max. In-service Temp: 122°F Long-term 176°F Short-term

A7+ Pryout strength capacities*, dry hole, hammer-drilled, Max. In-service Temp: 110°F Long-term 130°F Short-term

*Controlling shear strength capacities are limited by steel strength where applicable.