



ULTRABOND® HS-1CC

High Strength Epoxy Adhesive



**HIGHEST PERFORMING
ANCHORING EPOXY
– PERIOD –**



**The first and only Code Compliant
anchoring adhesive approved for
bulk dispensing systems!**

GENERAL USES & APPLICATIONS

- Anchoring threaded rod and reinforcing bar (rebar) into cracked or uncracked concrete using hammer drill or uncracked concrete using core drill
- Suitable for dry, water saturated, water-filled & submerged (underwater) conditions using threaded rod or rebar
- Vertical down, horizontal, upwardly inclined and overhead installations
- Suitable for core drilled installations in dry or water saturated concrete



www.atcepoxy.com

1.800.892.1880



STANDARDS & APPROVALS

CODE COMPLIANT:

ICC-ES ESR-4094
IBC/IRC 2024, 2021, 2018, 2015
City of Los Angeles 2026
Florida Building Code 2023
Drinking Water System Components NSF/ANSI 61 & 372
AASHTO M235 / ASTM C881-20
Type I, II, IV & V Grade 3 Class A, B & C
Department of Transportation (DOT) Approved
or Pending Nationwide

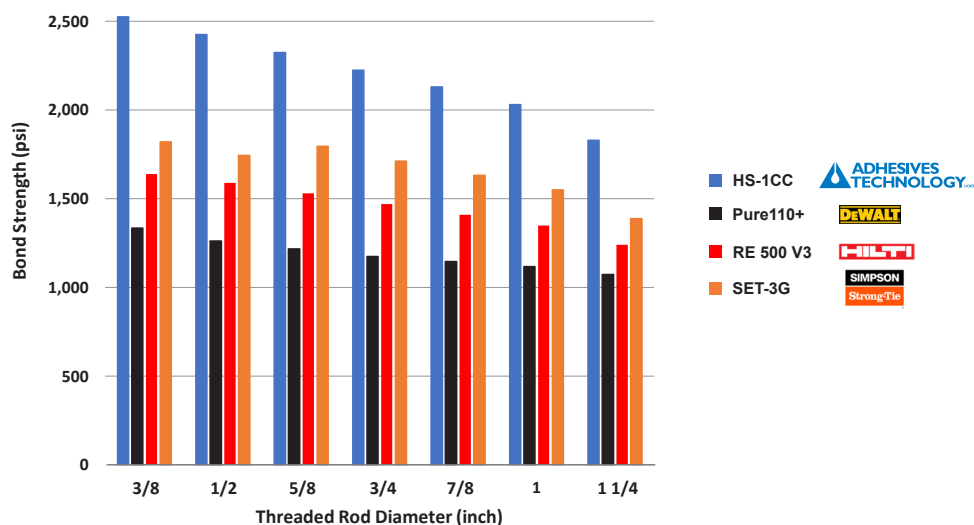
ADVANTAGES & FEATURES

- ICC ESR-4094 evaluation report for cracked and uncracked concrete
- Building code compliant in cartridge and bulk dispensing systems, IBC/IRC: 2024, 2021, 2018, 2015
- Highest elevated temperature resistance of any ICC-ES AC308 and ACI 355.4 assessed anchoring epoxy on the market, up to 205 °F (96 °C) under short term loading conditions
- Made in the USA with Global Materials
- Buy American Compliant per CFR 49 Section 50101

THE CHOICE IS CLEAR

	 ULTRABOND® HS-1CC ESR-4094	 RE 500 V3 ESR-3814	 SET-3G ESR-4057	 SET-XP ESR-2508	 Redhead C6+ ESR-4046	 Pure110+ ESR-3298
ICC AC308 & ACI 355.4 Tested and Assessed	✓	✓	✓	✓	✓	✓
Convenient 1:1 Mix Ratio	✓	✗	✓	✓	✗	✓
Cartridge & Bulk Code Compliant	✓	✗	✗	✗	✗	✗
Highest Temperature Epoxy = 205 °F	✓	✗	✗	✗	✗	✗
Core-Drilled Holes (SD)	✓	✓	✗	✗	✓	✗
Highest Average Bond Strength	✓	✗	✗	✗	✗	✗
NSF / ANSI 61 & 372 Drinking Water & Lead Free	✓	✗	✗	✗	✗	✗
Dry, Damp, Water-Filled and Submerged Holes	✓	✓	✗	✗	✓	✓
Threaded Rod, Rebar & Internally Threaded Inserts	✓	✓	✗	✗	✗	✗
Fast Full Cure @ 75 °F in 7 hours or less	✓	✓	✗	✗	✓	✗
Concrete Gray Color	✓	✗	✓	✓	✓	✗
No Hole Cleaning w/Vacuum Drill Bits	✓	✓	✓	✓	✗	✓

BOND STRENGTH IN DRY UNCRACKED CONCRETE, THREADED ROD, 176 °F+ SHORT TERM TEMP*, NO SUSTAINED LOAD & PERIODIC INSPECTION



* Note: ITW C6+ (new 2:1 ratio version) is limited to a maximum short term temperature of only 165 °F, and Simpson SET-XP is limited to a maximum short term temperature of only 150 °F, therefore neither publish the performance characteristics necessary in order to compare in this chart to the products which are designed to perform at higher temperatures.

Data Sources for Products in Illustrated Graph: ESR-4094, Issued January 2019 | ESR-3298, Revised December 2018 | ESR-3814, Reissued January 2019
ESR-4046, Reissued September 2018 | ESR-4057, Revised January 2019 | ESR-2508, Revised December 2018

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ITW Red Head is a registered trademark of Illinois Tool Works, Inc. | Pure110+ & DeWalt are trademarks of Stanley Black & Decker

For complete product information, please refer to the product TDS at www.atcepoxy.com.