

ULTRABOND[®] HS-1CC. THE WORLD'S STRONGEST ANCHORING EPOXY.



IBC COMPLIANT

IRC COMPLIANT

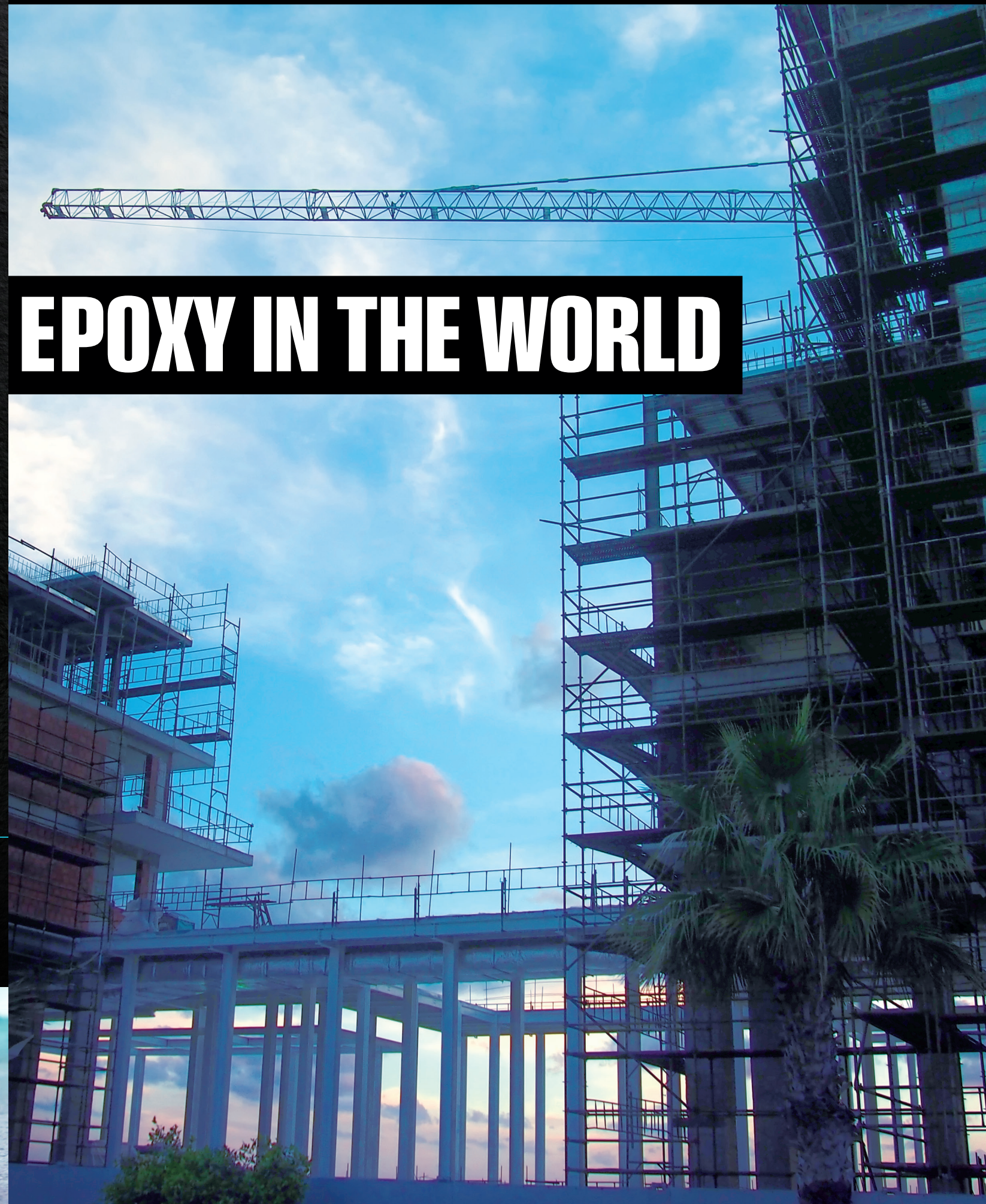
DOT APPROVED



STRONGER THAN CONCRETE, STEEL, AND EVERY OTHER ANCHORING

THE ONLY IBC COMPLIANT ANCHORING AND DOWELING EPOXY IN BULK AND CARTRIDGE SYSTEMS

ULTRABOND® HS-1CC is the world's first and only anchoring epoxy formulated for cracked and uncracked concrete to be IBC/IRC compliant in both bulk and cartridge delivery systems. For use in dry, damp, water-filled and submerged applications, even in the most extreme temperatures and loading conditions, **ULTRABOND HS-1CC** outperforms every other anchoring and doweling epoxy in the world.



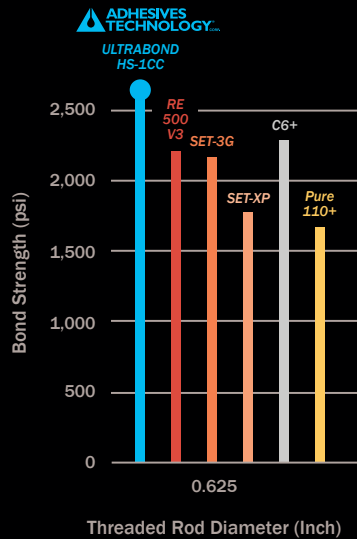


UNPARALLELED INNOVATION

CUTTING-EDGE FORMULATIONS FOR CONSTRUCTION AND INFRASTRUCTURE

As the world’s strongest anchoring and doweling epoxy, **ULTRABOND HS-1CC** is at the forefront of innovation in adhesives engineering, delivering superior performance and value.

The dedicated and talented team of chemists and engineers at Adhesives Technology Corp. are always on the cutting edge of research: formulating, testing, and designing tomorrow’s breakthroughs in adhesive technology for the commercial construction and transportation/infrastructure industries.

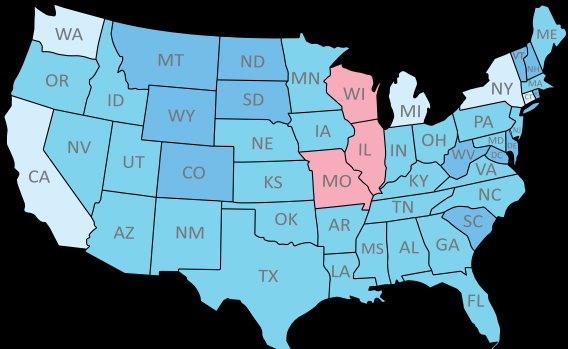


ULTRABOND HS-1CC outperforms all competitors under a wide range of test conditions. Shown here: strength in dry, uncracked concrete, using threaded rod at 160 °F with no sustained load.



UNRIVALED COMPLIANCE

Not only is **ULTRABOND HS-1CC** IBC/IRC compliant and NSF 61 approved, it is also included on Departments of Transportation authorized materials lists in 31 of the 39 states that maintain such lists, and remaining applicable states are pending. It even qualifies for Seismic Design Categories A through F and the “Made in USA” declaration in accordance with CFR 49.

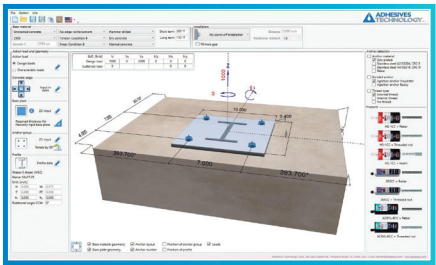


ULTRABOND HS-1CC is DOT-approved in 31 states.

Since time lost in the field undermines the cost effectiveness of any project, **ULTRABOND HS-1CC** provides a convenient 1:1 mix ratio for fast and easy application.

UNEQUALED COMPATIBILITY

ULTRABOND HS-1CC is code compliant for use with the Milwaukee vacuum drill bit system. In tests conducted by a trusted independent laboratory, **ULTRABOND HS-1CC** performed equally as well with vacuum drill bit systems from Bosch, DeWalt, and Hilti.



Pro Anchor Design software is free!

Our free Pro Anchor Design software lets you specify **ULTRABOND HS-1CC** using an advanced single panel interface. No need to access the cloud or pay for premium features. What’s more, ATC engineers are always available for technical support and to conduct Lunch & Learn Seminars at your convenience.

ULTRABOND[®] HS-1CC: THE BEST ALL-AROUND PERFORMANCE

ADHESIVES TECHNOLOGY[®]
ULTRABOND[®]
HS-1CC
ESR-4094

HILTI
RE 500 V3
ESR-3814

SIMPSON
Strong-Tie
SET-3G
ESR-4057

SIMPSON
Strong-Tie
SET-XP
ESR-2508

RED HEAD
CONCRETE ANCHORING SPECIALISTS
REDHEAD
C6+
ESR-4046

DEWALT
Pure110+
ESR-3298

ICC AC308 and ACI 355.4 Tested and Assessed	●	●	●	●	●	●
Convenient 1:1 Mix Ratio	●	✗	●	●	✗	●
Code Compliant in Cartridge and Bulk	●	✗	✗	✗	✗	✗
Highest Temperature Epoxy = 205 °F	●	✗	✗	✗	✗	✗
Core-Drilled Holes (SD)	●	●	✗	✗	●	✗
Highest Average Bond Strength	●	✗	✗	✗	✗	✗
NSF / ANSI 61 and 372 Drinking Water and Lead-Free	●	✗	✗	✗	✗	✗
Dry, Damp, Water-Filled and Submerged Holes	●	●	✗	✗	●	●
Threaded Rod, Rebar, and Internally Threaded Inserts	●	●	✗	✗	✗	✗
Fast, Full Cure @ 75 °F in 7 hours or less	●	●	✗	✗	●	✗
Concrete Gray Color	●	✗	●	●	●	✗
No Hole Cleaning with Vacuum Drill Bits	●	●	●	●	✗	●

ULTRABOND[®] HS-1CC HIGH STRENGTH ANCHORING EPOXY

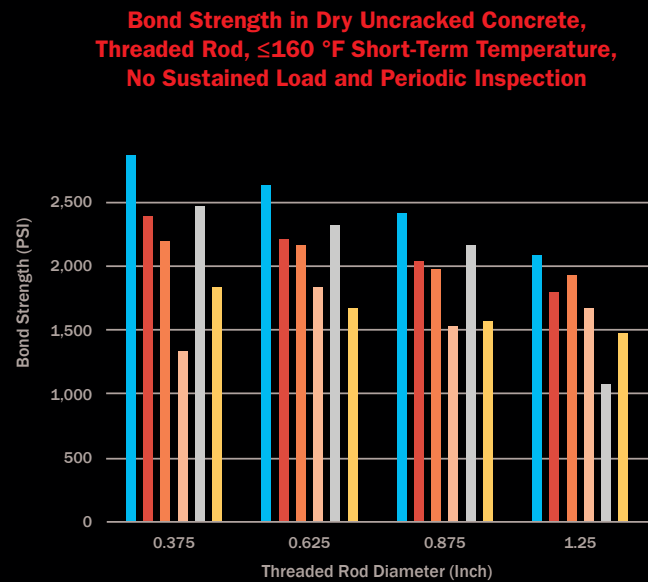
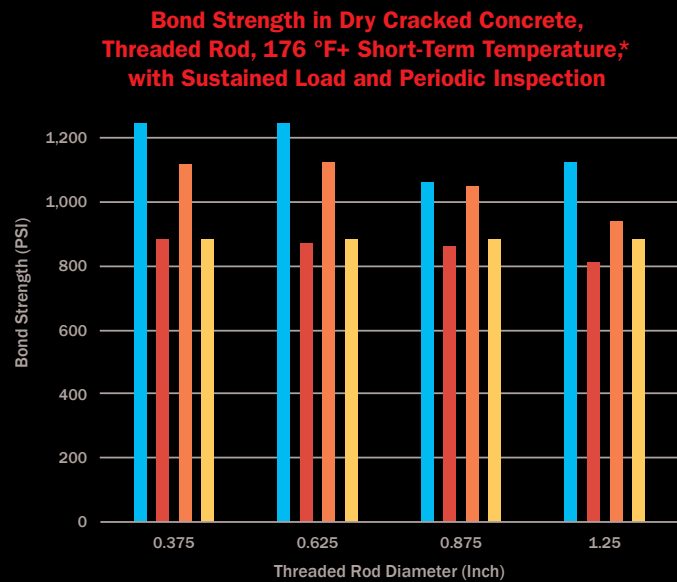
2018 IBC/IRC code compliant anchoring system for cracked and uncracked concrete, approved in cartridges and bulk. Convenient 1:1 mix ratio. Approved for use in dry, damp, water-filled and submerged applications. Highest performing anchoring epoxy in the market.

FEATURES & ADVANTAGES

- ICC-ES ESR-4094 evaluation report for cracked and uncracked concrete
- Code compliant in cartridge and bulk dispensing systems, IBC/IRC: 2018, 2015, 2012 & 2009
- Florida Building Code (FBC) Compliant: 2017 & 2014
- City of Los Angeles Code (LABC/LARC) Compliant: 2017
- Abu Dhabi International Building Code (ADIBC) Compliant: 2013
- ICC-ES AC308 and ACI 355.4 assessed for resisting short-term loading conditions up to 205 °F (96 °C)
- UL Certified: Drinking Water System Components to NSF/ANSI 61 & Lead-Free to NSF/ANSI 372
- Suitable for core-drilled installations in dry and damp concrete
- Multiple anchor types: threaded rod, rebar, and internally threaded inserts
- OSHA Table 1 compliant drilling/cleaning method using Milwaukee Tool hollow vacuum bit system
- Qualified for Seismic Design Categories A through F
- Nationally DOT approved or pending
- Made in the USA with Global Materials
- Buy American Compliant per CFR 49 Section 50101



Packaging		
Size	Part No.	Qty.
8.6 oz. crtg.	A9-HS1CC	12
21.2 oz. crtg.	A22-HS1CC	12
53 oz. crtg.	A53-HS1CC	6
5 Gallon A	B5G-HS1CC-A	1
5 Gallon B	B5G-HS1CC-B	1



■ HS-1CC

■ RE 500 V3

■ SET-3G

■ SET-XP

■ C6+ (New 2:1)

■ Pure110+

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

*Note: ITW C6+ (new 2:1) 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 meet the performance characteristics necessary in order to compare in this chart to the higher temperature performing products.

HILTI IS A REGISTERED TRADEMARK OF HILTI AKTIENGESSELLSCHAFT CORPORATION. SIMPSON, SET-XP, AND SET-3G ARE REGISTERED TRADEMARKS OF SIMPSON STRONG-TIE COMPANY, INC.
ITW RED HEAD IS A REGISTERED TRADEMARK OF ILLINOIS TOOL WORKS, INC. PURE110+ AND DEWALT ARE TRADEMARKS OF STANLEY BLACK & DECKER.

Dispensing Tools, Nozzles, and Accessories		
Description	Part No.	Use With
Manual Dispensing Tool	TM9HD	8.6 oz. Cartridge
Manual Dispensing Tool	TM22HD	21.2 oz. Cartridge
Pneumatic Dispensing Tool	TA22HD-A	21.2 oz. Cartridge
Pneumatic Dispensing Tool	TA53HD-A	53 oz. Cartridge
Battery Tool	TB22HD-A	21.2 oz. Cartridge
10" Nozzle	T12	8.6, 21.2 & 53 oz Cartridges
15 3/4" Nozzle	T34HF	All Sizes
Brush Extension	BR-EXT	All Sizes
SDS Brush Adaptor	BR-SDS	All Sizes
Nozzle Extension Tubing	TUBE916-EXT	All Sizes
Retention Wedge	WEDGE	All Sizes

Wire Brushes	
Drill Bit Diameter	Part No.
7/16"	B716
1/2"	B12
9/16"	B916
5/8"	B58
3/4"	B34
7/8"	B78
1"	B100
1 1/8"	B118
1 3/8"	B138
1 1/2"	B112

Piston Plugs								
Drill Bit Diameter	Part No.	Color	Drill Bit Diameter	Part No.	Color	Drill Bit Diameter	Part No.	Color
7/16" - 1/2"	PP716	Black	3/4"	PP34	Yellow	1 1/8"	PP118	Orange
9/16"	PP916	Blue	7/8"	PP78	Green	1 3/8"	PP138	Brown
5/8"	PP58	Red	1"	PP100	Black	1 1/2"	PP112	Gray

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