

ULTRABOND HYB-2CC

THE HYBRID POWERED BY INNOVATION



HIGH-STRENGTH PERFORMANCE IN HOT AND COLD TEMPERATURES.

ATC's second generation hybrid anchoring adhesive with superior performance properties in both hot and cold temperatures, **ULTRABOND® HYB-2CC** is an IBC approved hybrid anchoring adhesive for cracked and uncracked concrete that can be applied in temperatures down to 23 °F. And for jobs where a quick cure rate is required, it will cure completely in 30 minutes at 70 °F.

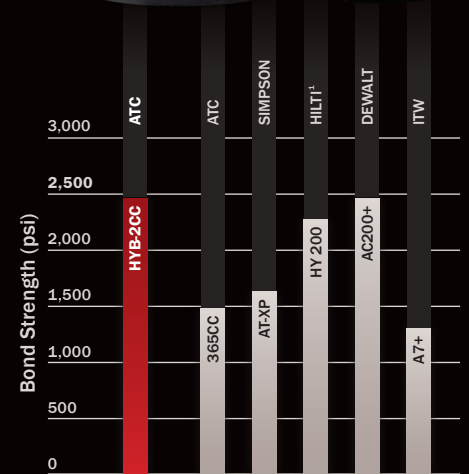
When you need a high-speed, high-strength hybrid for use in dry, damp or water-filled holes, choose new **ULTRABOND® HYB-2CC** with superb heat resistance that's approved for anchoring and post-installed rebar connections. It's also compatible with Adhesives Technology's free Pro Anchor Design software.

Product Overview

Faster curing	Higher short-term temp resistance
Longer shelf life	10:1 mix ratio
Higher creep resistance	For use in water-filled holes



¹ Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation. Simpson and AT-XP are registered trademarks of Simpson Strong-Tie Company, Inc. ITW Redhead is a registered trademark of Illinois Tool Works, Inc. DeWalt is a registered trademark, and AC200+ is a trademark of Stanley Black & Decker.



0.500 Inch Diameter Threaded Rod

ULTRABOND® HYB-2CC outperforms competitors under a wide range of test conditions. Shown here: bond strength in dry, uncracked concrete, using threaded rod at 176° F short term with sustained load.¹



CURES FAST IN THE HEAT OR IN THE COLD.

CURE SCHEDULE ¹		
BASE MATERIAL TEMPERATURE	WORKING TIME	FULL CURE TIME
23 °F TO 31 °F	50 MIN	5 HR
32 °F TO 40 °F	25 MIN	3.5 HR
41 °F TO 49 °F	15 MIN	2 HR
50 °F TO 58 °F	10 MIN	1 HR
59 °F TO 67 °F	6 MIN	40 MIN
68 °F TO 85 °F	3 MIN	30 MIN
86 °F TO 104 °F	2 MIN	30 MIN

¹ Condition (warm) cartridge to 41 °F for installations from 23 °F to 40 °F

When a rapid cure is desired, new ULTRABOND® HYB-2CC sets fast enough to allow continuous workflow without sacrificing bond strength.



Features & Advantages

ICC-ES ESR-4535 evaluation report for cracked and uncracked concrete

Internationally Code Compliant, IBC/IRC: 2024, 2021, 2018 & 2015

Florida Building Code (FBC) Compliant: 2023

City of Los Angeles (LABC/LARC) Code Compliant: 2023

ICC-ES AC308 and ACI 355.4 assessed for resisting long term loading conditions (creep) up to 212 °F (100 °C) and short term loading up to 320 °F (160 °C)

NSF Certified – Drinking Water System Components to NSF/ANSI 61

Multiple Anchor Types: fractional and metric threaded rod & rebar

Alternative to cast-in-place reinforcing bar connections per ACI 318 & IBC Chapter 19

Qualified for Seismic Design Categories A through F

Compatible with Pro Anchor Design software, ATC's free adhesive anchor design solution

Material Properties

Extended installation temperature range of 23 °F to 104 °F (-5 °C to 40 °C)

Rapid strength development - fully cured in 30 minutes at 68 °F (20 °C)

Moist environments – evaluated for use in dry, damp & water-filled holes

Withstands freeze-thaw conditions

AASHTO M235 and ASTM C881, Types I, II, IV and V, Grade 3, Class A, B & C

Convenient 10:1 mix ratio

18-month shelf life

ULTRABOND® HYB-2CC
Product Information



**NOW AVAILABLE FROM AN
AUTHORIZED DISTRIBUTOR NEAR YOU.**

**ADHESIVES
TECHNOLOGY** CORP
Innovation Engineered to Outperform

Meridian
Infrastructure