

AT-HP® BLUE
Anchoring Adhesive with
Colour Change Technology

Together we're helping
build safer, stronger
structures.



NEW & IMPROVED FORMULA

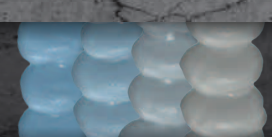


**READY
SET
LOAD**



- All-Weather
- Cracked
- Low Odour
- Heavy Loads
- Fire Rated

AT-HP® Blue changes from blue to grey when cured. The colour change process gives a visual indication that the chemical anchor has cured and is ready to load.



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Simpson Strong-Tie® (New Zealand) Ltd
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Fast Cure Colour Change Technology

AT-HP® Blue is a high-performance chemical anchor for threaded rod and rebar into concrete and masonry. Fast curing, two-part adhesive, that changes colour from blue to grey when fully cured¹.

Features and Benefits

- Low odour for safe use in confined spaces.
- New improved formulation and foil cartridge design provides more durability and temperature resistance.
- New cartridge size and design allow for 35% easier dispensing.
- Improved nozzle means less purging and less waste.
- Improved colour curing; the cured colour is much closer to the real colour of concrete.
- Usable in drinking water.
- High Bond strength for Medium to Heavy loads.
- Suitable for use in cracked² and non-cracked concrete.

². Refer to below ETA

Applications

- Post-installed rebar applications
- Threaded Rod Anchoring
- Balconies
- Facades
- Structural Steel
- Dry and wet holes

Base Material

- Normal and Lightweight Concrete (cracked and non-cracked concrete)
- Grout-filled and Hollow³ Concrete Block
- Solid and Hollow³ Brick ³. When used in conjunction with screen tubes

Approvals

- ETA-19/0265 (Rods Concrete)
- ETA-19/0418 (Rebar Concrete)
- Fire Rated R180
- Australia: National Construction Code 2019 Compliant: Meets testing requirements of AS5216.2018



Colour Indicator Guide

Note: The curing colour proof works from +5°C.

NOT MIXED Light blue, continue to purge	MIXED Uniform blue, ready to inject	CURED Solid grey, ready to load

Adhesive colours pictured may vary, use as a guide only. Refer to curing times below.

Working and Curing Time Schedule

T°C Concrete	Working Time	Curing time ¹
0°C ≤ T°C < +5°C	≤ 25 min	≥ 90 min
+5°C ≤ T°C < +10°C	≤ 17 min	≥ 70 min
+10°C ≤ T°C < +20°C	≤ 12 min	≥ 65 min
+20°C ≤ T°C < +30°C	≤ 6 min	≥ 60 min
+30°C ≤ T°C ≤ +40°C	≤ 3 min	≥ 45 min

¹. Let adhesive fully cure without disturbing. In wet concrete the curing time must be doubled. Cartridge temperature: +20°C. The curing color proof is working above +5°C (only where applicable).



Cartridge System Options

Each tube includes 2 mixing nozzles

Model No.	AT-HP300BLUE
Size	300 ml
Box Qty	12
Accessories	
Dispenser	DT300 ⁴
Nozzle	MN1-RP10 — 10 pack of mixing nozzles

⁴. Or a high-quality, standard size caulking tool



Threaded Rod Anchoring



Rebar Doweling