

SIMPSON

Strong-Tie

®



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SET
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AT-HP® Blue

High Performance Fast Cure Anchoring Adhesive
with Colour Change Technology

*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.*



Fast Cure Colour Change Technology

Simpson Strong-Tie AT-HP® Blue is a high performance, all-weather methacrylate anchoring adhesive for concrete and masonry with threaded rod and rebar. AT-HP Blue uses colour change technology where the adhesive changes from blue to grey when it cures, which gives a visual representation that the adhesive anchor is ready to load.

Features

- Fast cure colour change technology — Changes from blue to grey when cured
- All-weather — Can be installed in -5°C concrete.
- Fire exposure rated
- Low odour
- Heavy Loads
- Each cartridge is supplied with 2 mixing nozzles

Applications

- Threaded Rod Anchoring
- Rebar Doweling
- Balconies
- Facades
- Structural Steel
- Dry and wet holes

Base Material

- Normal and Lightweight Concrete
 - Grout-filled and Hollow* Concrete Block
 - Solid and Hollow* Brick
- *When used in conjunction with screen tubes

Approvals

- ETA 14/0383 (Concrete);
- ETA 13/0416 (Masonry)
- CSTB Fire Test N° 26045738
- BRANZ Appraisal 983 (2018) for applications related to bottom plate fixings and holdown applications per NZS 3604 using AT-HP Blue.



Scan this QR code to download the Branz Appraisal

Cartridge System Options

Available in 2 sizes¹ — Each tube includes 2 mixing nozzles



Model No.	AT-HP280BLUE-AU	AT-HP380BLUE-AU ¹
Size	280 ml	380 ml
Box Qty	12	12
Accessories		
Dispenser	DT300 ²	DT380
Nozzle	MN1-RP10 — 10 pack of mixing nozzles	

1. AT-HP380BLUE-AU only available in Australia.
2. Or a high-quality, standard size caulking tool

Working and Curing Time Schedule

Mortar Temperature	Base Material Temperature	Gel Time (Working Time) in Dry/Wet* Concrete	Curing Time in Dry/Wet* Concrete
T _{mortar}	T _{base material}	t _{gel}	t _{cure}
+5°C	-5°C to -1°C	15 min	9 h
+5°C	0°C to 4°C	12 min	4 h
+5°C	5°C to 9°C	9 min	1.5 h
+10°C	10°C to 19°C	4 min	60 min
+20°C	20°C to 29°C	1 min	30 min
+30°C	30°C and above	<1 min	20 min

Note: Concerning the version of the mortar with changing color proof, after the minimum curing time the blue colored injection mortar changed into grey. The curing color proof is available for standard version of the mortar only, and the curing color proof is working above 5°C.

*Installation in water-filled holes is not allowed.



Threaded Rod Anchoring



Rebar Doweling