

# Technical Datasheet - A7+ Adhesive Anchor

## Description: Quick-Cure Adhesive Anchor for Concrete and Masonry Applications

### Product Description

- High-Strength, quick-cure structural concrete and masonry adhesive anchoring system,

### Adhesive Type

2-part injectable hybrid epoxy (10:1 ratio)

### Cartridge Types & Sizes

Durable and re-sealable cartridges available in 3 sizes:

9.5oz coaxial cartridge (standard caulking tube)

28oz. dual cartridge

5oz coaxial cartridge

### Approvals

ICC-ES ESR 3903 (Concrete Report)

ICC-ES ESR 3951 (Masonry Report)

2015, 2012, 2009, 2006 International Building Code (IBC) Compliant

Florida Building Code (FBC)

City of Los Angeles (COLA)

Extensive Department of Transportation (DOT) Listings (visit [itwredhead.com](http://itwredhead.com) for more info)

NSF/ANSI 61 Approval for use in Drinking Water System Components

ASTM C881, Types I, II, IV, and V, Grade 3, Classes A, B, & C (meets Type III except elongation)

### Anchor Sizes & Types

Threaded Rod: 1/4" – 1-1/2"

Rebar: #3-#11 Rebar

### Load Types

Suitable for use in applications subject to short- and long-term sustained loads, including static, seismic and wind loads in tension or shear.

### Water Resistance

100% hydrophobic, suitable for use in saturated concrete and water-filled or submerged holes

### Hole Orientation

Suitable for use with vertical down, horizontal and overhead anchors

### Hole Size

1/16" to 1/8" larger than diameter of rod / rebar, contact technical support at (800) 848-5611 for more detail

### Drill Types

Hammer or standard rotary drill using carbide drill bits. For instructions for use with diamond core drills, call Technical Service at (800) 848-5611

### In-Service Temperatures

-41° through 176°F (-41° through 80°C)

### Working (Gel Time)

5 minutes at 70°F (21°C)

### Full Cure Time

45 minutes at 70°F (21°C)

### Adhesive Color

Gray when properly mixed

### Storage Life & Temperature

18 months from date of manufacture when stored in 32° through 95°F (0° through 35°C)

### Country of Origin

Made in France (28oz & 5oz Kits Packaged in the US)

For additional information, please visit [www.itwredhead.com](http://www.itwredhead.com)