

Technical Datasheet - C6+ Adhesive Anchor

Description: High-Strength Epoxy Adhesive

Product Description

High-Strength structural concrete and masonry adhesive anchoring system

Adhesive Type

2-part injectable epoxy (1:1 ratio)

Cartridge Types & Sizes

Durable and re-sealable cartridges available in 2 sizes:
8.5oz coaxial cartridge (standard caulking tube)
20oz. dual cartridge

Approvals

ICC-ES ESR 3577 (Concrete Report)
2015, 2012, 2009, 2006 International Building Code (IBC) Compliant
Florida Building Code (FBC)
City of Los Angeles (COLA)
Department of Transportation (DOT) Listings (visit 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: 3/8" – 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

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

Application Temperatures

40° through 110°F (4° through 43°C)

In-Service Temperatures

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

Working (Gel Time)

11 minutes at 70°F (21°C)

Full Cure Time

7 hours at 70°F (21°C)

Adhesive Color

Gray when properly mixed

Storage Life & Temperature

24 months from date of manufacture when stored in 40° through 80°F (5° through 26°C)

Country of Origin

Made in the United Kingdom

For additional information, please visit www.itwredhead.com