

Technical Datasheet - G5 Adhesive Anchor

Description: High-Strength Epoxy approved for Cracked Concrete & All Seismic Zones

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-usable cartridges available in 1 size:
22oz. dual cartridge

Approvals

ICC-ES ESR 1137 (Concrete 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
NSF/ANSI 61 Approval for use in Drinking Water System Components
ASTM C881, Types I, II, and V, Grade 23, Class C (meets Types II & III except gel and elongation)

Anchor Sizes & Types

Threaded Rod: 3/8" – 1-1/2", 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

Drill Types

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

Application Temperatures

70° through 110°F (21° through 43°C)

In-Service Temperatures

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

Working (Gel Time)

15 minutes at 70°F (21°C)

Full Cure Time

24 hours 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 the USA

For additional information, please visit www.itwredhead.com