

PRODUCT DATA SHEET

GripAnchor 207ULV

Ultra-Low Viscosity Crack Injection & Chemical Anchoring Epoxy Grout

Product Description:

GripAnchor 207ULV is a high-strength, low viscosity epoxy crack injection and anchoring grout. **GripAnchor 207ULV** pumps and fills cracks easily due to its very low viscosity which will flow into hairline cracks to seal and bond materials.

GripAnchor 207ULV meets or exceeds ASTM C 881/C 881M-02 , Type I to V, Grade 1, Class E

Typical Applications:

- Chemically anchoring floor bolts and holding down bolts vertically into concrete
- Fast setting concrete crack injections repair compound

Advantages:

- Easy application
- Excellent adhesion to concrete & steel surfaces
- Very low viscosity gets in ultra-fine cracks
- No VOC's and no shrinkage

Typical properties:

Temperature range:	10°C to 35°C
Chemical resistance:	Resists dilute acids, alkalis and aqueous and aggressive cleaning chemicals
Compressive strength:	60MPa
Tensile strength:	≥6MPa (concrete failure) ≤10MPa on Steel
Pot life:	30-40 minutes at an ambient temperature of 25°C
Practical cure:	90% strength in 24 hours
Thin film set time:	12 hours

Placement guidelines:

- Prepare the surface prior to application by removing all loose material, water, rust and any oil based products.
- The product consists of two parts;
- (Part A – Resin, & Part B - activator)
- Using a small trowel, mix the entire contents of A + B. (Do not part mix).
- Mix the combined product thoroughly for at least 3-5 minutes.
- Apply the product by pouring the mixed epoxy flow grout into the area to be grouted and allow curing for 24 hours before subject to stress.
- Clean equipment and brushes with an epoxy cleaner.

Coverage:

$$\frac{0.8 (D+d) (d-d) hn}{1\ 000\ 000 \times \text{no. Of holes}} = \text{lt of grout required}$$

Legend:

D = diameter of hole in mm d = diameter of rod or bar in mm

h = depth of hole in mm

n = number of holes

Important note:

The depth of hole should be 10 times diameter of the rod or bar.

The diameter of hole should be 1.25 to 1.5 times diameter of the rod or bar.

Anchoring method:

Re-Bar Diameter	Hole Diameter	Min Depth required
8	10	80
10	12	80
12	15	120
16	20	140
20	25	200
25	32	225
32	40	275
40	50	350

Packaging:

Supplied in 1L & 5L kits.

Shelf life:

One year in original unopened containers.

Storage:

Store in a cool, dry place

Limitations:

Mixing should not take place in temperatures below 5°c.
Do not apply to wet surfaces.

Caution:

- Avoid contact with eyes and skin. In case of contact with eyes, immediately flush eyes with water and call a physician.
- Wash hands after contact.
- Always wear gloves when handling, mixing and applying products.
- Also refer to
- **GripAnchor 207ULV** Material Safety Data Sheet

Quality Assurance:

Stanton Construction Chemicals Pty Ltd production and testing programmes comply with local testing standards.



Stanton Construction Chemicals Pty (Ltd).

Unit 2A Veni View Park 547 Heritage View Drive
Muldersdrift, South Africa, 1735

Tel: +27 (0) 10 593-4454

Email: www.office.co.za

Website: www.sccsa.co.za



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