

Ultra Low Viscosity Crack Injection & Chemical Anchoring Epoxy Grout

Product Description

GripAnchor 207ULV is a high-strength, low viscosity epoxy grout

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
- Good chemical resistance
- Quick development of strength

Typical properties

Temperature range:	5°C to 35°C
Chemical resistance:	Resists dilute acids, alkalis and aqueous and aggressive cleaning chemicals
Compressive strength:	60MPa
Tensile strength:	6MPa
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

1. Prepare the surface prior to application by removing all loose material, water, rust and any oil based products.
2. The product consists of two parts;
(Part A – Resin, & Part B - activator)
3. 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.
4. 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.
5. 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 dust masks when handling, mixing and applying products.

Also refer to

Material Safety Data Sheet.

Quality Assurance

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