

PRODUCT DATA SHEET

GripEpoxy 107N

Wet to dry epoxy adhesive

Product Description:

GripEpoxy 107N is a modified epoxy adhesive with very high adhesion properties to concrete, brick and steel. It provides a structural bond between wet and cured concrete. It is also an effective anti-corrosive coating for steel rebar.

GripEpoxy 107N meets or exceeds ASTM C 881/C 881M -02, Type I to V, Grade 2, Class E for application, viscosity and temperature of application.

Characteristics/Advantages:

- Extended open time of 6–7 hours
- Easy application
- Excellent adhesion to concrete & steel surfaces
- Good fatigue resistance properties
- No shrinkage

Typical Uses:

Bonding wet concrete to cured concrete, brick and steel in structural applications. Also used as a bonding adhesive for patching and repair work.

Placement Guide:

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 **GripEpoxy 107N** with a brush onto the concrete surface.
5. Rusted reinforcing should be cleaned and coated with a suitable conversion coating.
6. Clean equipment and brushes with an Epoxy Cleaner.

Typical Properties:

Colour:	Grey
Mixing Ratio:	Mix entire contents from Part A + Part B together (Do not part mix)
Coverage:	1-1.5m ² / litre depending on surfaces (1L per 1m ² applied 1mm thick)
Pot Life:	6-7 hours
Cure:	Practical - 24 hours, full cure - 14 days
Compressive strength:	>50MPa
Tensile strength:	>6MPa for Concrete ≥10MPa for steel
Shear strength:	40 MPa concrete / mild steel. Failure of concrete at adhesive line
Application Temp:	10°C to 35°C

Packaging:

1L, 2L and 5L containers.

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.

Concrete must be poured before the adhesive loses tack (6-7 hours).

Caution:

Avoid contact with eyes and skin. In case of contact with eyes, flush eyes with water and call a physician immediately.

Wash hands after contact.

Always wear dust masks when handling, mixing and applying products.

Health and Safety:

Refer to **GripEpoxy 107N** MSDS sheet

Quality Assurance:

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



Stanton Construction Chemicals Pty (Ltd).

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