

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

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 (Stronger than the cohesive strength of concrete)
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.

Also refer to Material Safety Data Sheet.

Health and Safety

Refer to **GripEpoxy 107N** MSDS sheet

Quality Assurance

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