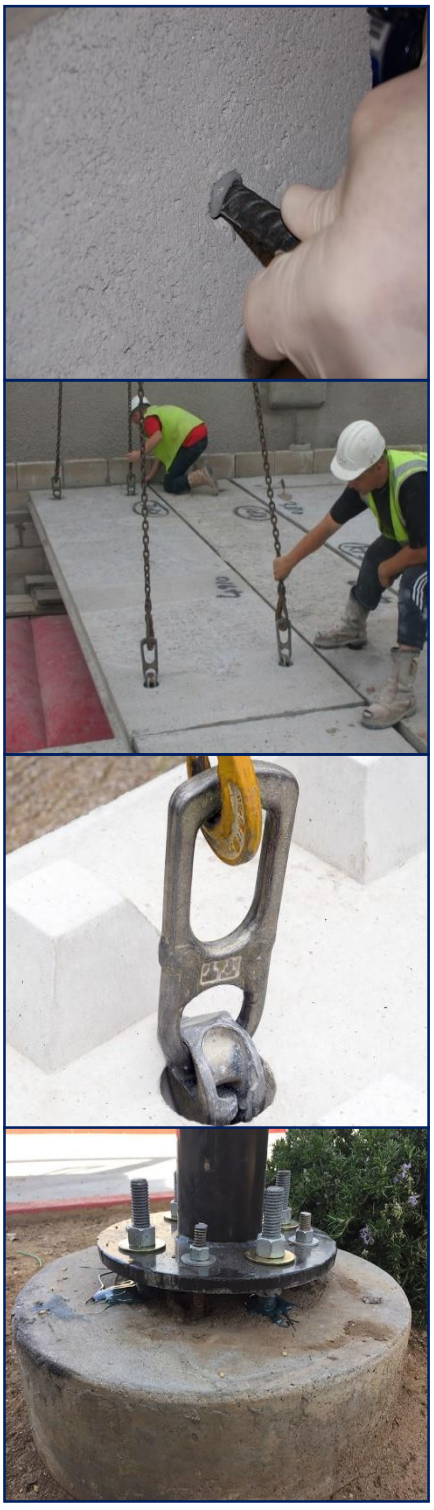
ANCHORBOLT 303

High Strength Anchor Adhesive

GENERAL DESCRIPTION

AXEL ANCHORBOLT 303 is a two component high strength bonded anchor adhesive, suited for a safety fixing with high performance. It is also formulated as a patching grout to concrete structures as used in the areas of repairs to honeycomb concrete and spalling, pot holes at walls or industrial floors.
AXEL ANCHORBOLT 303 is designed for use in concrete piles repairs as well as in metal- cap jointing between piles or bridge bearing pads.



RECOMMENDED USES

* Concrete piles
* Bridge Bearing pads
* Machine bases
* Column bases
* Column bases (steel & pre-cast concrete) anchor bolts
* Similar grouting applications as in concrete structures
* Crack lines

CHARACTERISTICS & ADVANTAGES

* Very high compressive & bond strength
* Chemical resistant properties
* Ready to use, pre-weighted packs
* Seamless joints
* Reduce maintenance cost
* Anti dust & easy to clean
* Re-coatable with most solvent epoxy system
* Non rusting or staining on exposed edges
* Controlled expansion, ensuring positive surface contact.
* Very hard & durable

COVERAGE

Approximate resin consumption for each application considering filling the hole for 2/3 of its volume.

COLOURS

Grey

PACKING

1.2 kg per set

STORAGE

Store in a dry, cool and shaded place

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SURFACE PREPARATIONS

All surface laitance and unsound concrete must be chipped away so that a reasonably rough but strong sound surface is provided. All surfaces must be free from oil, grease, dust, etc.

METHOD OF APPLICATION

Anchoring:

1. Drilling of hole with an electric drill to the diameter and depth required. Drill hole diameter must be in accordance with anchor size.
2. The drill hole must be thoroughly cleaned with a round brush. The diameter of the brush must be larger than the diameter of the drill hole.
3. Clean the drill hole by using blow pump or compressing air, which is clean from oil.
4. Inject the adhesive into the hole, starting from the bottom, while slowly drawing back the static mixer. Avoid entrapping air in any case.
5. Insert the anchor with a rotary motion into the field drill hole. Some adhesive must come out of the hole to make sure the dosage is sufficient. In addition, the anchor must be placed within the open time.
6. During the resin hardening time, the anchor must not be moved or loaded.
7. If the resin has hardened in the nozzle when work is resumed, a new nozzle must be attached.

CLEANING OF TOOLS

Clean all tools and application equipment with solvent immediately after use. Hardened or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No. of component	Two
Total solids	100 %
Compressive strength	>80 Mpa
Bond strength (on concrete)	100 % Concrete failure (~2mpa after 4 hrs)

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.