1. Ensure all reinforcing steel is clean and undamaged and securely fastened with tie wire to provide good electrical continuity.

2. Attach Galvashield® N anodes to clean reinforcing steel at an even spacing as outlined in project specifications (max 750mm or 0.25m² steel surface area per anode).

3. Galvashield® N anodes are installed in a grid pattern within the interior of the new concrete construction area.

4. Test electrical continuity of the reinforcing steel before installation and repair as necessary. Test electrical continuity of anode connection to reinforcing steel after installation. A DC voltage measurement of ≤1mV confirms good continuity.

5. Pour back concrete with compatible material as per project specifications. Take care not to damage anodes during placement of concrete.

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**Galvashield® N Anode Properties**

- Minimum weight of zinc core: 60 g
- Overall length of tie wires: 600 mm
- Nominal dimensions of anode: 125 mm x 25 mm x 25 mm
- Anode type/class: 1A / P

Alkali activated corrosion prevention

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**Typical Installation Details**

Section of typical installation

TYPICAL INSTALLATION PARALLEL TO BAR

TYPICAL INSTALLATION CORNER TO CORNER

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BY: JWH  DATE: Nov 20-2012

SHEET: 1 OF 4
1. ENSURE ALL REINFORCING STEEL IS CLEAN AND UNDAMAGED AND SECURELY FASTENED WITH TIE WIRE TO PROVIDE GOOD ELECTRICAL CONTINUITY.

2. ATTACH GALVASHIELD® N ANODES TO CLEAN REINFORCING STEEL AT AN EVEN SPACING AS OUTLINED IN PROJECT SPECIFICATIONS (MAX 750mm).

3. GALVASHIELD® N ANODES ARE INSTALLED IN A GRID PATTERN WITHIN THE INTERIOR OF THE NEW CONCRETE CONSTRUCTION AREA.

4. TEST ELECTRICAL CONTINUITY OF THE REINFORCING STEEL BEFORE INSTALLATION AND REPAIR AS NECESSARY. TEST ELECTRICAL CONTINUITY OF ANODE CONNECTION TO REINFORCING STEEL AFTER INSTALLATION. A DC VOLTAGE MEASUREMENT OF \( \leq 1\text{mV} \) CONFIRMS GOOD CONTINUITY.

5. POUR BACK CONCRETE WITH COMPATIBLE MATERIAL AS PER PROJECT SPECIFICATIONS. TAKE CARE NOT TO DAMAGE ANODES DURING PLACEMENT OF CONCRETE.
1. Ensure all reinforcing steel is clean and undamaged and securely fastened with tie wire to provide good electrical continuity.

2. Attach Galvashield® N anodes to clean reinforcing steel at an even spacing as outlined in project specifications (MAX 750mm).

3. Galvashield® N anodes are installed in a grid pattern within the interior of the new concrete construction area.

4. Test electrical continuity of the reinforcing steel before installation and repair as necessary. Test electrical continuity of anode connection to reinforcing steel after installation. A DC voltage measurement of ≤1mV confirms good continuity.

5. Pour back concrete with compatible material as per project specifications. Take care not to damage anodes during placement of concrete.

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**Plan of typical staggered grid layout for construction joint**

N.T.S.
1: Place anode snugly against face of rebar with one (1) wire on either side of rebar.

2 & 3: Bend wires around either side of rebar in opposite directions.

4 & 5: Wrap wires tightly once around rebar in opposite directions.

6: Twist wires together tightly to complete the connection, take care not to break the wires.