

# Resin Capsule Anchors - "Spin-in" type, in concrete

## 1 INTRODUCTION

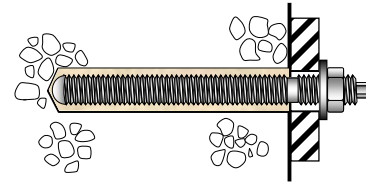
CFA Sample Method Statements are the first stage of a programme of assistance provided by the CFA for supervisors and installers to make sure anchors are installed correctly\*. This is a guide only. The manufacturer's data and installation instructions may differ and must always take precedence.

## 3 INSTALLATION

**Before installation check** a) that all safety equipment is to hand b) that the components are as specified [Only substitute another make or type if approved by the responsible engineer.] c) that the capsule is in date as shown on the packaging and d) that ambient temperature is within useable range.

## 2 BASE MATERIAL SUITABILITY

Resin capsule systems are suitable for use in concrete and hard masonry where masonry units are large and the installation will always be in the masonry unit and not cross a joint between leaves. (If in doubt use resin injection systems in masonry.)



**Drill to correct diameter & depth**

If rebar is struck either drill a new hole (move away by least 2 x depth of aborted hole) or drill through the bar **ONLY** with permission. Diamond drilled holes should be roughened. Fill the aborted hole with strong non-shrink grout. **Never cut the anchor rod short.**

**Clean hole thoroughly by Blowing x 3, Brushing x 3 and blowing x 3**

Holes may also be cleaned by thorough flushing with clean water – remove excess.

**Insert capsule with air bubble outermost.**

For foil capsules insert in direction of arrow.

**IMPORTANT!**

Attach setting adaptor to hammer drilling machine & Spin rod into capsule on rotary hammer until depth mark reaches surface.

**Never hammer anchor rods into Spin-in type Resin capsules.**

**Allow curing time - depends on temperature.**

"Curing time" = time after insertion before anchor may be tightened, loaded or tested. It will be shown on packaging.

**Apply fixture carefully over studs. Tighten to recommended torque. DO NOT OVERTIGHTEN.**

From finger tight it will take less than one full turn to reach the recommended torque.

