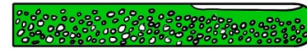
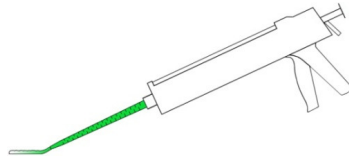




**SAMPLE SPECIFICATION: BONDED ANCHORS**



**SCOPE**

This sample specification lists the minimum information that should be included on a specification for bonded anchors. The information provided is a guide only and should not be considered a suitable alternative to the manufacturer’s installation instructions.

**IMPORTANCE OF CORRECT SPECIFICATION**

- Resin bonded anchors are sensitive to poor installation methods.
- Incorrect installation such as poor hole cleaning, may reduce anchor performance.
- A complete and accurate specification is necessary to ensure the contractor purchases the correct product and so that the installer adopts the correct installation practice.
- Failure of an anchor may result in severe injury, economic loss and in some cases, loss of life.

**MINIMUM INFORMATION TO BE SPECIFIED**

The following information is recommended for inclusion in the specification. Always refer to manufacturer’s installation instructions for a complete list of items to be included in the specification.

Name of Adhesive		
Anchor rod	Diameter & length (mm)	(E.g. M12x160)
	Finish/Coating	(E.g. Galvanised / Class 4)
	Strength Grade	(E.g. Class 5.8)
	Depth of embedment (mm)	(E.g. 110mm)
	Part number	
Drill hole	Diameter (mm)	
	Depth (mm)	
Tightening torque (N.m)	If applicable	

**NOTES**

The anchors shall be installed according to Manufacturer’s installation instructions. The setting tool, cleaning accessories (blow-out pump and cleaning brushes etc.) shall be used as recommended by the manufacturer. The adhesive needs to be cured for the time as recommended by the manufacturer before application of any load. Curing time varies with the temperature at the time of installation.

**CHANGE MANAGEMENT**

The proper change management procedure must be followed if an alternative anchor is proposed. An alternate anchor should not be deemed a satisfactory substitute without the written consent of the designer/specifier.