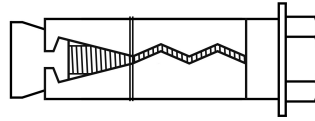




SAMPLE SPECIFICATION: SHIELD EXPANSION ANCHORS



SCOPE

This sample specification provides guidance to help develop an accurate and complete specification for torque-controlled expansion anchors for use in concrete. This document is a guide only and should not be considered a suitable substitute for material provided in the manufacturer’s installation instructions accompanying a product.

IMPORTANCE OF CORRECT SPECIFICATION

- Incorrect installation may prevent the anchor from functioning as intended.
- 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 cause severe injury, economic loss and in some circumstances, loss of life.

MINIMUM INFORMATION TO BE SPECIFIED

The anchor shall be installed according to manufacturer’s instructions. Always refer to manufacturer’s installation instructions for a complete list of items to be included in the specification.

Anchor	Name	
	Part number	
	Size	(E.g. M12)
	Finish / Coating	(E.g. Zinc plated)
Anchor bolt	Diameter and length (mm)	(E.g. M12x100)
	Finish/Coating	(E.g. Zinc plated)
	Strength grade	(E.g. Class 8.8)
Drill hole	Diameter (mm)	
	Depth (mm)	
Socket size (mm)		
Tightening torque (N.m)	If applicable	

NOTES

The anchor shall be installed according to manufacturer’s instructions. The setting tools (including sockets etc.), cleaning accessories (blow-out pump and cleaning brushes etc.) shall be used as per the manufacturer’s installation instructions.

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.