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Katana Piles 80kN, 100kN & 150kN Series

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Abbreviation

GM-CM30097-RevD

Version

RevD - 11/02/2020

Valid from

18/03/2019

Information provider

Ministry of Business, Innovation and Employment

Information type

Product Certificate (CodeMark)

Format

PDF

Description

Katana Piles 80kN, 100kN & 150kN Series (Katana piles) are steel screw piles with capacities of 80kN, 100kN & 150kN utilising a proprietary designed screw thread and cutting comb.

Scope

Katana piles are for transferring the building loads from the structure down to a suitable bearing stratum.

Common reasons for specifying screw piles are very large design loads, a poor soil at shallow depth, or site constraints like property lines.

The placement and size of piles is dependent of the engineering design and geotechnical information for each site Katana piles can be used on:

- slab-on-ground floors with occupancy loading up to 3kPa with a maximum dimension of 24m either way between free joints, or between free joints and slab edges. or
- foundations subject to specific engineering design (SED).

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