

## CHECKMATE **POSILOCK**

Checkmate's PosiLock is a Wire Grid Face System used for MSE (Mechanically stabilized earth) walls and retaining soils. Consisting of 3 parts; a face grid unit (1), connection struts (2), and connection rods (3), PosiLock has a positive connection between each cage as well as the geogrid reinforcement (FlexGrid™). PosiLock provides many advantages over conventional retaining wall systems including an increased efficiency in cost and construction time, and enabling the option of a green wall.

### **(1) PosiLock Face Grid Unit – (Prod# 006825A)**

Manufactured from 5.25mm diameter low carbon steel rod with a 42mm x 200mm approximate pattern. Face units are approximately 3m long with 0.5m tall front and bottom face. Units are formed to an angle to give a general 88 degree wall angle when interlocked and held in place with connection struts.

Face Grid Units are manufactured from steel wire made in accordance to ASTM 82 standards for cold drawn steel wire. After assembly face units are hot dip galvanized to ASTM A-123 standards for zinc coatings on iron and steel.

### **(2) PosiLock Connection Strut – (Prod# 006825B)**

Manufactured from 5.7mm diameter low carbon steel rod with an approximate length of 0.6m and formed hooks on each end.

Connection Struts are manufactured from regular galvanized steel wire made in accordance to ASTM A-641 standards for zinc coated steel wire.

### **(3) PosiLock Connection Rod – (Prod# 006825C)**

Manufactured from 7.7mm diameter low carbon steel rod with an approximate length of 1.5m

Connection Rod are manufactured from regular galvanized steel wire made in accordance to ASTM A641 standards for zinc coated steel wire.

**Disclaimer:** Checkmate reserves the right to change these specifications without notice and at its sole discretion. The user of this specification sheet is required to obtain formal confirmation from Checkmate of the current specification of the product it intends to use.