

# Installation Guide

## BATISEC BASE Level FENCE

(Type 3C)



### Loose Nuts and Bolts per Panel Set:

Brace Hinge: 1no. M16x70 Hex Bolt, 1no. M16 Full Nut, 2no. M16 Washer

Brace Plate: 4no. M8x70 Coach Bolt, 4no. M8 Nyloc Nut, 4no. M8x50 Washer

Cover Mesh: 14no. M8x50 Coach Bolt, 14no. M8 Full Nut, 14no. M12x50 Washer (attack side), 14no. M8x50 Washer (clean side)

### THE COMPONENTS



POLMIL® Panel  
3m High x 2.5m



Base



Loading Tray



Brace



Front Clamp Plate



Nut and Bolts



Cover Mesh



750kg Concrete Block

### RECOMMENDED ACCESSORIES



Wire Rope Clutch for  
lifting Blocks



Wire Rope Assembly  
for lifting Panels

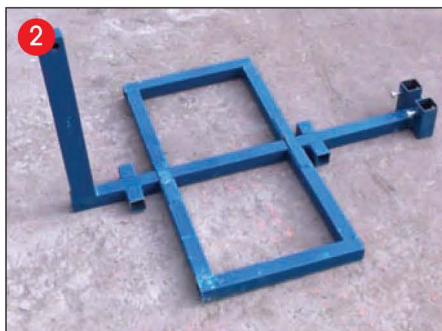


Spacing Tool

### THE INSTALLATION PROCESS



Position Base on Ground.



Place Loading Tray over Base.



Place Ballast Block onto Base and Loading Tray (Not more than 50mm from backstop).



Repeat 1 and 2 using the Spacing Tool to ensure correct distance.



Repeat 3.



Connect Brace to Base using M16 Hex Bolt and Washers.





Insert Panels into Base. Manual lifting  
Note: Each Panel weighs 98kgs.



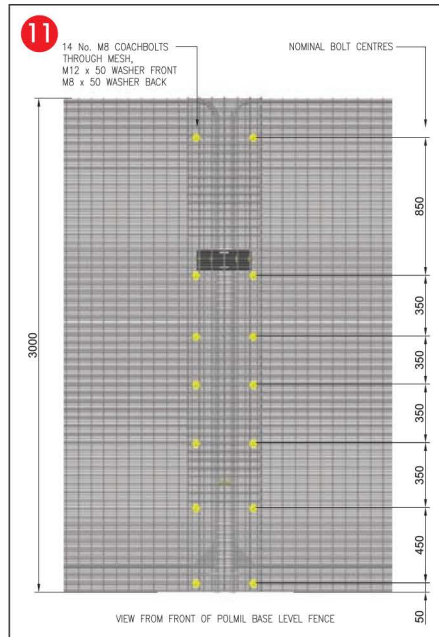
While assistants hold panels vertical, fit 4no. M8x70 Coach Bolts through Front Clamp Plate, Panel Mesh and Brace Plate using Nyloc Nuts and M8x50 Washers behind.



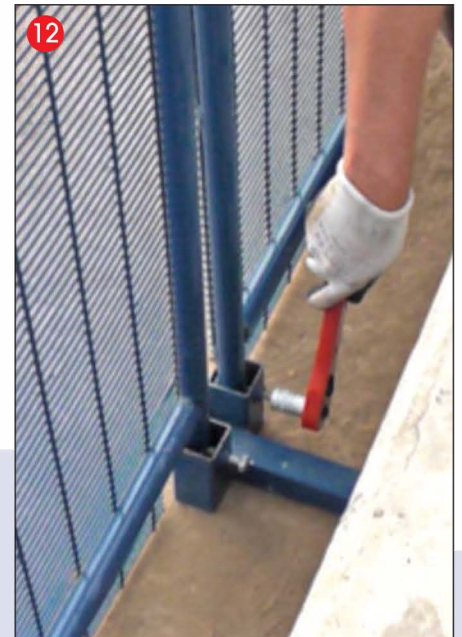
Attach Cover Mesh over Clamp Plate and Panel gap using M8x50 Coach Bolts with M12x50 washers (attack side), M8 Full Nuts and M8x50 washers (inside).



Bottom Cover Mesh bolt to be no more than 50mm from ground.



Cover Mesh bolt locations.  
Total 14 bolts per Cover Mesh.



Tighten M10 captured bolt securely against Panel leg to prevent lifting.  
(Recommended Torque: 22N m, 16.2ft lb)



Repeat until Fence line is complete.



90 degree and 135 degree Corner Panels.



Start/Stop Bracket option for end of line.

## SAFE HANDLING

It is recommended that POLMIL® panels and blocks be handled and installed by a minimum of 4 people.

Wherever possible, manual handling of the product should be avoided by the use of mechanical lifting equipment.

It is essential that every load is assessed prior to lifting to reduce the risk of injury.

All manual handling should be carried out in accordance with The Manual Handling Operations Regulations 1992 and later amendments.

### Disclaimer

Batisec is not liable for any 3rd party installations.  
This instruction guide is a guide only.

Batisec strongly recommends that a full risk assessment and method statement should be carried out prior to installation.

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