System installation instructions

Sparta 60

1. Installation instructions for the **Sparta 60** system pedestrian gate and double-leaf gate – page 3

2. Installation instructions for the **Sparta 60** system sliding gate – page 10

3. Installation instructions for the **Sparta 60** system span – page 14
Sparta is a robust fencing system based on galvanized, profiled and welded wire mesh. It is perfect for industrial, commercial, sports and residential venues.

Available system elements:

- Gate 4 m
  - Mesh size: 60/200 mm
  - Ø 3.8 mm, 4000 x 1530 mm
  - Galvanized
  - Galvanized + RAL 7016

- Pedestrian gate right/left
  - Mesh size: 60/200 mm
  - Ø 3.8 mm, 1000 x 1530 mm
  - Galvanized
  - Galvanized + RAL 7016

- Panel
  - Mesh size: 60/200 mm, Ø 3.8 mm
  - 2500 x 1230 mm
  - 2500 x 1530 mm
  - 2500 x 1730 mm
  - Galvanized
  - Galvanized + RAL 7016

- Post
  - 60 x 40 x 2000 mm
  - Galvanized
  - Galvanized + RAL 7016

- Post
  - 60 x 40 x 2400 mm
  - Galvanized
  - Galvanized + RAL 7016

- Sparta post 60
  - 70 x 70 x 2150 mm
  - Galvanized
  - Galvanized + RAL 7016

Accessories:

- End wrap around clip
- Corner wrap around clip
- Intermediate wrap around clip
- Bracket with screw
- Tension hook
- Panel clips
- Handle
- Galvanized strike plate
- Universal gate stop

The system is available in the following colours:
- Galvanized
- Galvanized + RAL 7016
Installation instructions for the pedestrian gate and double-leaf gate

Sparta 60
Necessary tools

List of elements

1 SET

1x A 1000x1530 mm

1x B h=1530 mm

1x C h=1530 mm

1 SET

3x D 70x70x2150 mm

3 SETS

E
1 Pedestrian gate and gate on-site positioning

PEDESTRIAN GATE AND GATE LOCATION selected by the user

2 Excavating for foundations

FOUNDATION EXCAVATION - CROSS-SECTION

H - frost line

FOUNDATION EXCAVATION - TOP VIEW

POST LOCATION
3 Reinforcement

1. elbow hinge M16-40
2. nut N6K-M16
3. washer ø16
4. hinge eye 80 x 30 mm
5. screw S6K-MB-25
6. washer ø8
7. pin
8. Seeger ring ø12

4 Placing reinforcement in excavations

REINFORCEMENT INSERTED IN FOUNDATION EXCAVATIONS - CROSS-SECTION
Assembly of pedestrian gate and gate with posts on a flat surface

Mounting the gate and pedestrian gate onto the post

1. elbow hinge M16-40
2. nut N6K-M16
3. washer ø16
4. hinge eye 80 x 30 mm
5. screw S6K-MB-25
6. washer ø8
7. pin
8. Seeger ring ø12
Mounting the gate and pedestrian gate onto the post (cont’d)

1. elbow hinge M16-40
2. nut N6K-M16
3. washer ø16
4. hinge eye 80 x 30 mm
5. screw S6K-MB-25
6. washer ø8
7. pin
8. Seeger ring ø12
1. elbow hinge M16-40
2. nut N6K-M16
3. washer ø16
4. hinge eye 80 x 30 mm
5. screw S6K-MB-25
6. washer ø8
7. pin
8. Seeger ring ø12
Mounting the gate and pedestrian gate onto the post (cont’d)
1. test post
2. lock part
3. strike plate stopper, small
4. BWW 4.2 x 25 DIN7504N – 3 pcs.
5. cap ø10 black – 3 pcs.
6. cap 30 x 20 – 2 pcs.
Positioning of stable pedestrian gate and gate with posts in excavations where reinforcement is erected

Supporting posts

Supporting bar
Detailed installation instructions for double-leaf gates are available at www.polargos.pl and from authorised sellers.
Installation instructions for

Sparta 60

system span
**Necessary tools**

- Pliers for panel clips
- M8 additional protection for wrap around clips

**Option:**

**List of elements**

**QUANTITY SELECTED AS NECESSARY**

**I. PANELS CONNECTED BY WRAP AROUND CLIPS**

- (initial) bracket with screw
- intermediate wrap around clip
- corner wrap around clip
- end wrap around clip

**II. PANELS CONNECTED BY HOOK TENSION AND CLIPS**

- tension hook
- panel clip

**Post 60x40x2000 mm**

- for panels:
  - 2500 x 1230 mm
  - 2500 x 1530 mm

**Post 60x40x2400 mm**

- for panels:
  - 2500 x 1230 mm
  - 2500 x 1530 mm
  - 2500 x 1730 mm

**NUMBER AND TYPE OF FASTENINGS SELECTED AS NECESSARY**

- 2500 x 1230 mm + 2 POST FASTENERS
- 2500 x 1530 mm + 3 POST FASTENERS
- 2500 x 1730 mm + 3 POST FASTENERS
1 Spans and posts on-site positioning

2 Excavating for foundations
3 Placing reinforcement in excavations

Positioning posts at appropriate distances depending on panel type

4

Reinforcement p. 6, step 3

POSTS ARRANGEMENT - CROSS-SECTION

B

POSTS ARRANGEMENT - CROSS-SECTION

B

REINFORCEMENT INSERTED IN FOUNDATION EXCAVATIONS - CROSS-SECTION
Fixing posts in concrete

I. PANELS CONNECTED BY WRAP AROUND CLIPS

Post-to-span assembly - INITIAL FASTENER

- 2500 x 1730 mm

FOUNDATION CROSS-SECTION
7 Post-to-span assembly - INTERMEDIATE WRAP AROUND CLIP

8 Post-to-span assembly - CORNER WRAP AROUND CLIP
II. PANELS CONNECTED BY TENSION HOOK AND CLIPS

Post-to-span assembly - END WRAP AROUND CLIP

Post-to-span assembly - PANEL CLIP, TENSION HOOK