

ALPHA

HIGH-TENSILE ZN-AL KNOTTED FENCE



240

GSM ZN-AL, MINIMUM

1150–1300

MPA, Q-KNOT WIRE

50

M ROLLS, Q-KNOT

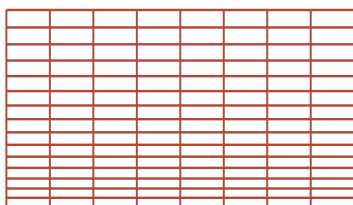
5 to 6

M POST GAP

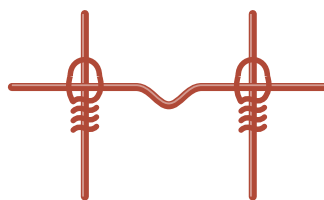
SPECIFICATION

COATING	Zn-Al (90% zinc, 10% aluminium), 240 GSM minimum
TENSILE STRENGTH	Q-Knot: 1150 to 1300 MPa. ZS-Knot: 700 to 800 MPa
CORROSION RESISTANCE	2,000 hours salt spray without red rust (IS 9844), tested
RATED LIFE	35+ years*
LINE WIRES	2.45 mm; 2.75 mm at top, bottom and 4th from bottom
STAY AND KNOT WIRES	2.45 mm stays every 150 mm (6 in); knot wire 2.24 to 2.45 mm
WEIGHT	1.49 kg per metre (6 ft, 16 line wires)
POST GAP	5 to 6 m

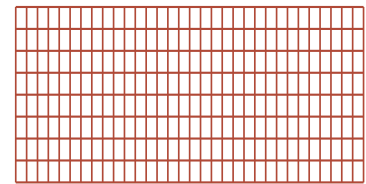
KNOT TECHNOLOGY



Q-KNOT GRADUATED GRID



THE Q-KNOT



ZS-KNOT 4 X 2 ANTI-CLIMB

TESTING AND STANDARDS

Tested at NABL-accredited laboratories: tensile strength to IS 1608 (Part 1), salt spray to IS 9844, coating composition by X-ray fluorescence (XRF) and coating mass by gravimetric methods. Classified AS/NZS 4534:2006 Class W10 and BS EN 10244-2:2001 Class A.

*To know how rated life is calculated, visit simosecure.com.

SIZES AND OPTIONS

HEIGHTS	6 ft (1.8 m) standard; custom up to 8 ft (2.4 m). Not made at 5 ft
LINE WIRES	16 at 6 ft; 19 at 8 ft
ROLL LENGTH	50 m
Q-KNOT GRID	Graduated: 3.5 in at the bottom to 7 in at the top; stays every 6 in
ZS-KNOT GRIDS	4 x 2 in anti-climb and 4 x 4 in, 6 ft and 8 ft; 3 x 3 in (25 line wires), 6 ft. 700 to 800 MPa wire, 50 m rolls
SKUS	Q-Knot: SSAL-Q16-06-050 (6 ft), SSAL-Q19-08-050 (8 ft). ZS-Knot: SSAL-Z42-06-050 and SSAL-Z42-08-050 (4 x 2), SSAL-Z44-06-050 and SSAL-Z44-08-050 (4 x 4), SSAL-Z33-06-050 (3 x 3)
LEAD TIMES	About 7 days for standard rolls and 30 to 45 days for custom projects, from order confirmation.

SUITABLE FOR



Highways and expressways



Railway boundaries



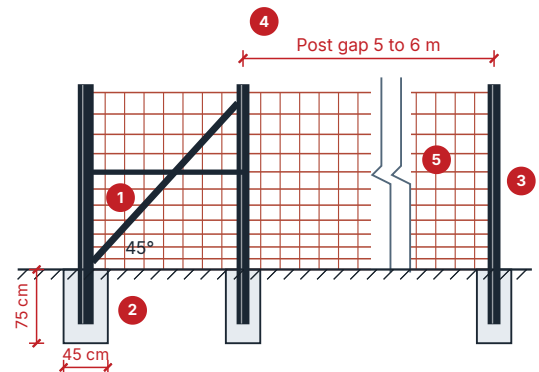
Solar parks



High-security sites

INSTALLATION ESSENTIALS

- Terminal posts braced at 45 degrees, with a horizontal stay to the first supporting post.
- Terminal foundations at least 45 x 45 cm and 75 cm deep; corners 60 x 60 cm and 75 cm deep, braced both ways.
- Angle posts 50 x 50 x 6 mm, 65 x 65 x 6 mm at terminals and corners, or concrete columns at least 150 x 150 mm. Post height: fence height plus at least 50 cm.
- Posts every 5 to 6 m. Tension the line wires only after the concrete has fully cured.
- Join rolls by splicing and twisting the line wires; never weld or joint the fabric. Clip to every post.



THE COMPLETE SYSTEM

QvikFixrr™ posts (standard 8.5 ft shafts, supplied hot-dip galvanised or epoxy coated), V-Clips and C-Clips, fabric locks and fasteners; RTHT™ barbed wire (Zeta Nova grade Zn-Al) and concertina coil for security toppings. Supply only, supply and install (recommended), or turnkey EPC.

Get a quotation

+91 93730 08466 (call or WhatsApp)

sales@simosecuron.com

simosecuron.com

