

REDUCED MESH LAPPING ON SE620 MESH

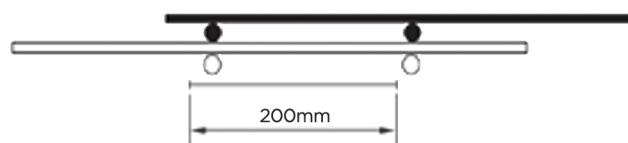
Our SE620 mesh has now been tested to reduce lapping and gain more coverage.

Testing on our SE620 mesh has been completed as an alternate solution to meet building code requirements, aimed at reducing lap lengths and increasing coverage.

- The smaller sheet (SE620-500SMALL) remains the same size but now covers 7.92m².
- We are also introducing a larger sheet (SE620-500LGE), which covers 12.76m².

Lapping Information:

- Changes are in line with lap length requirements set out in NZS3101:2006 (Concrete Structures Standard) and NZS3604:2011 (Light Timber Framed Buildings).
- The reduced lap length qualifies as an Alternative Solution for compliance with Building Code B1.
- This allows the mesh lap to be reduced to 200mm (1 square), offering an alternate solution while gaining more coverage.



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SEPT. 2024

MESH SPECIFICATIONS

Stock Code: SE620-500SMALL



Product Description: **SE620-500SMALL**

XTRA-DUCTILE MESH (4.65M X 2.02M)

Yield Stress: ≥ 500 MPa

Cross Section: **146.1 mm²/m**

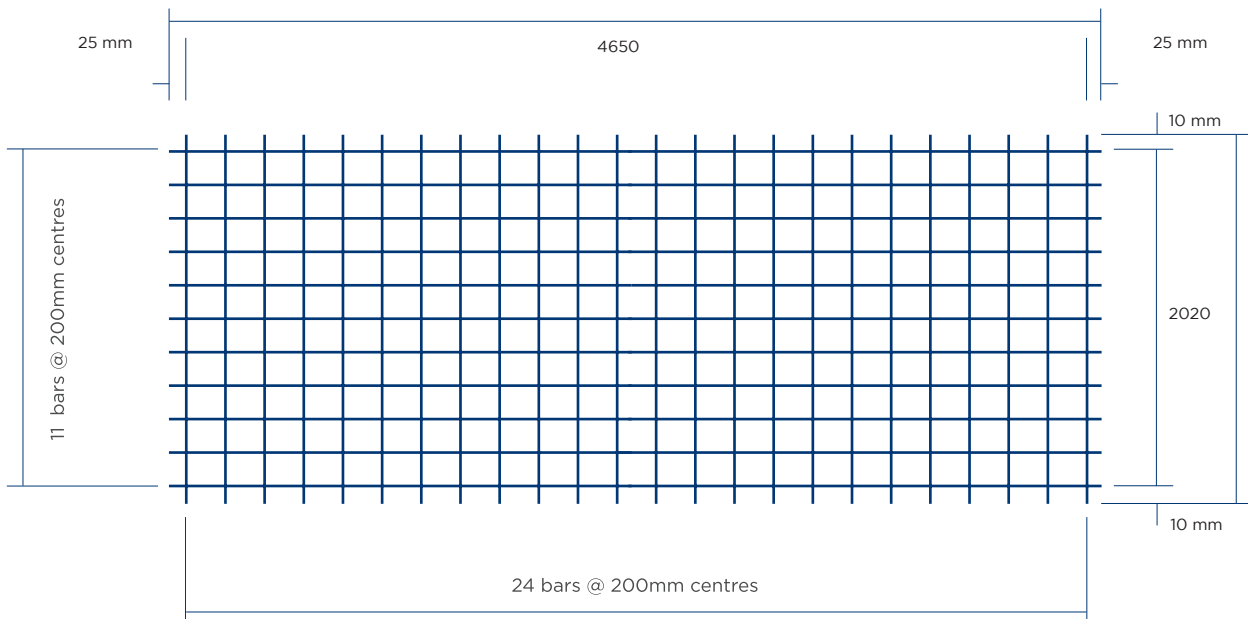
KN per metre width: **73 KN/m width**

Uniform Elongation: $\geq 10\%$

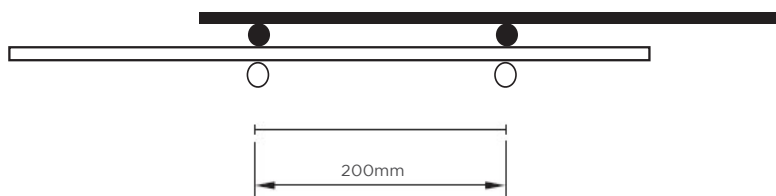
Weight per SQM: **2.29 kg/m²**

Nett Cover: **7.92m²**

	LONG WIRE	CROSS WIRE
WIRE DIA (mm)	6.1	6.1
CENTRES (mm)	200	200
LENGTH (mm)	4650	2020
No. of WIRES	11	24
O/HANG (mm)	25	10
GROSS WEIGHT PER SHEET (Kg)	22.86	
WIRE KG/m	0.229	0.229
WEIGHT (Kg)	11.73	11.12
GROSS SHEET AREA (m ²)	9.39	



NB: Diagrams not to scale



Each batch of Summit Steel & Wire Xtra-Ductile mesh undergoes rigorous testing to meet the AS/NZS 4671:2019 standard. Upon request, we provide batch test certificates for your records. Each mesh sheet comes with a unique identification tag that includes the product code and batch number, ensuring easy traceability. Please ensure this tag remains attached during installation. Standard lapping follows NZS 3101-2:2006, Clause 8.7.6 guidelines. Our 200mm splice length as shown above is an alternative solution having been tested and independently validated. Users must ensure that the correct splice is verified for each specific application.

September 2024

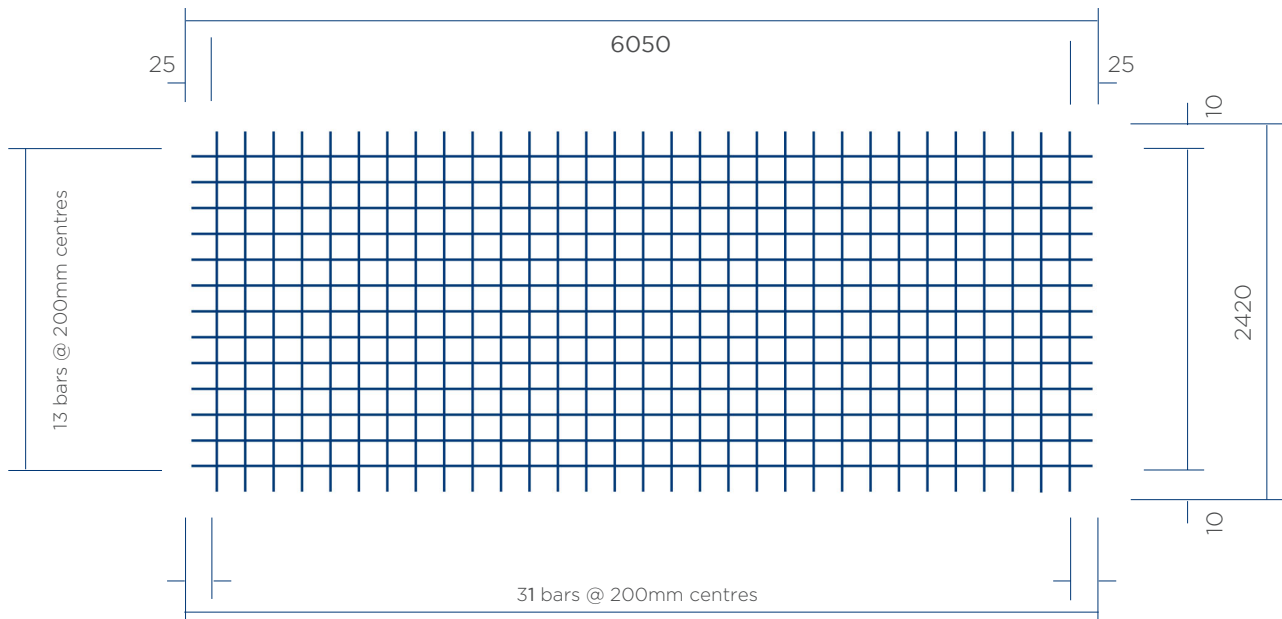
MESH SPECIFICATIONS

Stock Code: SE620-500LGE

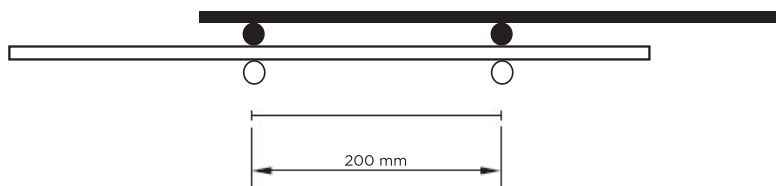


Product Description: **SE620-500LGE**
XTRA-DUCTILE MESH (6.05M X 2.42M)
Yield Stress: ≥ 500 MPa
Cross Section: **146.12 mm²/m**
KN per metre width: **73 KN/m width**
Uniform Elongation: $\geq 10\%$
Weight per SQM: **2.29 kg/m²**
Nett Cover: **12.76m²**

	LONG WIRE	CROSS WIRE
WIRE DIA (mm)	6.1	6.1
CENTRES (mm)	200	200
LENGTH (mm)	6050	2420
No. of WIRES	13	31
O/HANG (mm)	25	10
GROSS WEIGHT PER SHEET (Kg)	35.25	
WIRE KG/m	0.229	0.229
WEIGHT (Kg)	18.04	17.21
GROSS SHEET AREA (m ²)	14.64	



NB: Diagrams not to scale



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