

PREMIUM QUALITY REINFORCING MESH

Certified reinforcing mesh solutions manufactured to AS/NZS 4671:2019 for residential, commercial and infrastructure projects.



AS/NZS 4671:2019
Compliant



ACRS
Accredited



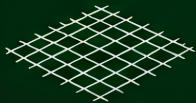
Trusted
Internationally

Southern Steel Mesh (SSM) specializes in high-quality reinforcing mesh products including Square Mesh (SL), Rectangular Mesh (RL) and Trench Mesh. Manufactured in compliance with AS/NZS 4671:2019 and accredited by ACRS, our products provide reliable reinforcement solutions for modern construction applications.



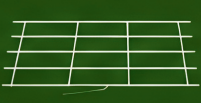
OUR REINFORCING MESH RANGE

SQUARE MESH (SL)



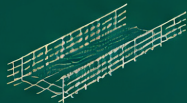
- SL52
- SL62
- SL72
- SL82
- SL92
- SL102

RECTANGULAR MESH (RL)



- RL718
- RL818
- RL918
- RL1018
- RL1118
- RL1218

TRENCH MESH (TM)



- L8TM3
- L8TM4
- L8TM5
- L11TM3
- L11TM4
- L11TM5



ENGINEERED FOR STRENGTH.
BUILT FOR PERFORMANCE.

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OUR REINFORCING MESH RANGE

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SQUARE MESH (SL)

Product Code	Main Wire (mm)	Edge Wire (mm)	Length (mm)	Cross Wire (mm)	Width (mm)	Approx Mass / Sht (kg)
SL52	10 x 5.00 @ 200	4 x 4.75 @ 100	6000	30 x 4.75 @ 200	2400	22.6
SL62	10 x 6.00 @ 200	4 x 4.75 @ 100	6000	30 x 6.00 @ 200	2400	32.64
SL72	10 x 6.75 @ 200	4 x 4.75 @ 100	6000	30 x 6.75 @ 200	2400	40.42
SL82	10 x 7.60 @ 200	4 x 6.00 @ 100	6000	30 x 7.60 @ 200	2400	52.33
SL92	10 x 8.60 @ 200	4 x 6.00 @ 100	6000	30 x 8.60 @ 200	2400	65.52
SL102	10 x 9.50 @ 200	4 x 6.75 @ 100	6000	30 x 9.50 @ 200	2400	80.19

TYPICAL APPLICATIONS



Slabs



Pavements



Industrial Floors



Retaining Structures



Infrastructure Projects

RECTANGULAR MESH (RL)

Product Code	Main Wire (mm)	Length (mm)	Cross Wire (mm)	Width (mm)	Approx Mass / Sht (kg)
RL718	25 x 6.75 @ 100	6000	30 x 7.60 @ 200	2400	67.78
RL818	25 x 7.60 @ 100	6000	30 x 7.60 @ 200	2400	79.06
RL918	25 x 8.60 @ 100	6000	30 x 7.60 @ 200	2400	94.04
RL1018	25 x 9.50 @ 100	6000	30 x 7.60 @ 200	2400	109.1
RL1118	25 x 10.70 @ 100	6000	30 x 7.60 @ 200	2400	131.52
RL1218	25 x 11.90 @ 100	6000	30 x 7.60 @ 200	2400	156.6

TRENCH MESH (TM)

Product Code	Main Wire (mm)	Length (mm)	Cross Wire (mm)	Width (mm)	Approx Mass / Sht (kg)
L8TM3	3 x 7.60 @ 100	6000	20 x 5.00 @ 200	200	7.03
L8TM4	4 x 7.60 @ 100	6000	20 x 5.00 @ 200	300	9.47
L8TM5	5 x 7.60 @ 100	6000	20 x 5.00 @ 200	400	11.92
L11TM3	3 x 10.70 @ 100	6000	20 x 5.00 @ 200	200	13.32
L11TM4	4 x 10.70 @ 100	6000	20 x 5.00 @ 200	300	17.87
L11TM5	5 x 10.70 @ 100	6000	20 x 5.00 @ 200	400	22.41
L12TM3	3 x 11.90 @ 100	6000	20 x 5.00 @ 200	200	16.33
L12TM4	4 x 11.90 @ 100	6000	20 x 5.00 @ 200	300	21.88
L12TM5	5 x 11.90 @ 100	6000	20 x 5.00 @ 200	400	27.63



AVAILABLE IN STANDARD SHEETS OR
PROJECT-SPECIFIC REQUIREMENTS

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MECHANICAL PROPERTIES

PROPERTY	TEST METHOD	REQUIREMENT
Yield Strength (MPa)	Rek.L	≥ 500
	Rek.U	≤ 750
Tensile Ratio (Rm/Rek)	(Rm/Rek).L	≥ 1.03
	(Rm/Rek).U	—
Uniform Elongation (%)	Ag1.k.L	≥ 1.5



CHEMICAL ANALYSIS (%)

ELEMENT	C	P	Mn	Si	S	CE*
MAXIMUM	0.22	0.050	—	—	0.050	0.39

*CE = Carbon Equivalent



UK CARES EPD VERIFIED

Southern Steel Mesh (SSM) has obtained the Environmental Product Declaration (EPD) to EN 15804.

CARES Environmental Product Declaration:
CARES EPD 0056

- ✓ Independently verified by UK CARES
- ✓ Complies with relevant international EPD requirements
- ✓ Provides transparent environmental impact data for reinforcing steel products

APPLICATIONS

- Residential Foundations
- Suspended Slabs
- Precast Concrete
- Roads and Pavements
- Drainage and Trench Reinforcement



WHY CHOOSE SSM MESH?

- ✓ Consistent Quality
- ✓ ACRS Certified Production
- ✓ International Standards Compliance
- ✓ Reliable Supply Chain

GET IN TOUCH

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YOUR TRUSTED
PARTNER IN
REINFORCING
SOLUTIONS