

**Seismic mesh you
CAN trust.**

**DUCTILE
PLUS** 



UNITED STEEL
Stay strong.

DUCTILE PLUS RESIDENTIAL MESH

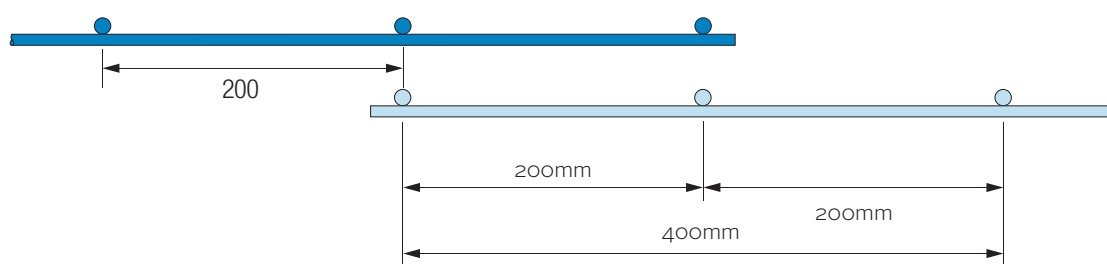
Designed to meet the Ministry of Building Innovation & Employment (MBIE) B1 Compliance standard, with equivalent mass to 2.27kg/m².

Ductile Plus SE62Small, SE62 & SE62Large mesh

SE62S Easy to transport size 4.45 x 2.02

SE62 5.05 x 2.02

SE62L Larger 6.05 x 2.42 mesh size to maximise handling and lapping.

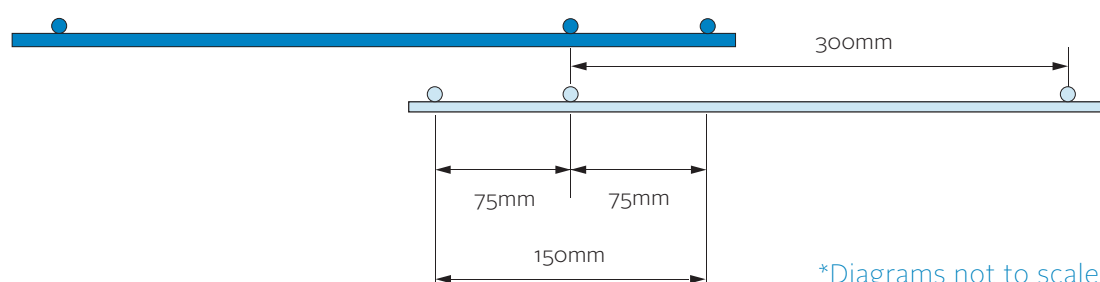


*This lap has been determined by an extensive test programme to validate its physical performance and verified by a certified engineer. A copy of the test report is available on request.

Ductile Plus 73DE, 73LDE mesh

- 300mm Bar spacing for easy 'step through' while placing and working on site.
- Easy lapping with double edge configuration.

Ductile Plus 73LDE only: nett coverage = less lapping wastage in = cheaper per sq/m.



*Diagrams not to scale

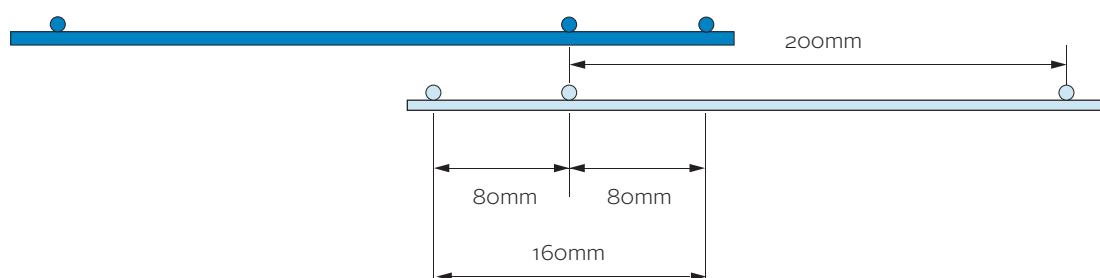
RESIDENTIAL mesh range

Sheet Description	Wire Diameter	Wire Spacing	Length	Width	Lap	Nett Coverage	Sheet Weight
SE62S (small)	6.1mm	200mm	4.450m	2.020m	200mm	7.56m	21.2kg
SE62 (standard)	6.1mm	200mm	5.050m	2.020m	200mm	8.64m	24.8kg
SE62L (large)	6.1mm	200mm	6.050m	2.420m	200mm	12.76m	35.2kg
SE73DE	7.5mm	300mm	5.00m	2.27m	150mm	10.08m	29.1kg
SE73LDE	7.5mm	300mm	7.10m	2.27m	150mm	14.49m	40.5kg

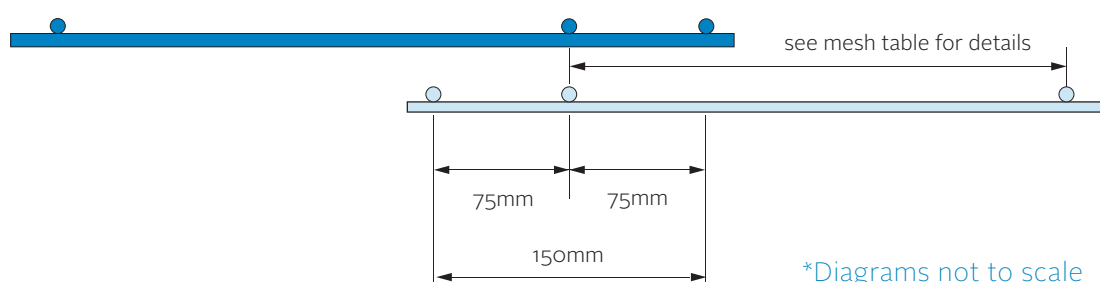
DUCTILE PLUS CONSTRUCTION MESH

Our range of construction meshes are based on the specifications of the list in AS/NZS 4671:2001 with some additional meshes to fill some gaps.

Ductile Plus 92DE mesh



Ductile Plus 72DE, 82DE & 93DE mesh



MESH PROPERTIES (All have a double edge to optimise the net coverage)

- Sheets individually tagged AND test certificates available.
- Tested to verify compliance to AS/NZS 4671:2001 Ductility 500E standards.
- Grade 500E (seismic) as per AS/NZS4671
- Tensile Ratio (Rm/Re) 1.15 to 1.40
- Uniform elongation (Agt): min 10%

CONSTRUCTION mesh range

Sheet Description	Wire Diameter	Wire Spacing	Length	Width	Lap	Nett Coverage	Sheet Weight
SE72DE Plus	7.0mm	200mm	6.40m	2.37m	150mm	13.64m	48.45kg
SE82DE Plus	8.0mm	200mm	6.40m	2.37m	150mm	13.64m	61.82kg
SE92DE Plus	9.0mm	200mm	6.1m	2.38m	160mm	13.58m	78.30kg
SE93DE Plus	9.0mm	300mm	6.80m	2.27m	150mm	13.86m	54.95kg

CONVERSION CHART

Hard Drawn Wire Mesh @ 485MPA					Strength ladder	Ductile Plus 500E MESH				
WIRE DIAMETER	SPACING	CROSS SECTION	KN/M WIDTH	MESHES	KN/METRE WIDTH	WIRE DIAMETER	SPACING	CROSS SECTION	KN/METRE WIDTH	MESHES
					175					
					170					
					165					
					160	9.0	200	318.1	159.0	SE92
					155					
					150					
7.5	150.0	294.5	142.8	661	140					
					135					
					130					
7.1	150.0	263.9	128.0	662*	125	8.0	200	251.3	125.7	SE82
					120					
					110	9.0	300	212.1	106.0	SE93
9.0	300.0	212.1	102.8	212	100					
6.3	150.0	207.8	100.8	663	95	7.0	200	192.4	96.2	SE72
					90					
6.0	150.0	188.5	91.4	664*	85					
					80					
					75	7.5	300	147.3	73.6	SE73DE
5.3	150.0	147.1	71.3	665	70	6.1	200	146.1	73.1	SE62
7.5	235.0	147.3	71.4	147	60					
5.3	50.0	441.2	214.0	225	55					
4.0	150.0	83.8	40.6	668	50					
5.6	300.0	82.1	39.8	84	40					

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* Denotes mesh no longer available ex-stock / made to order only