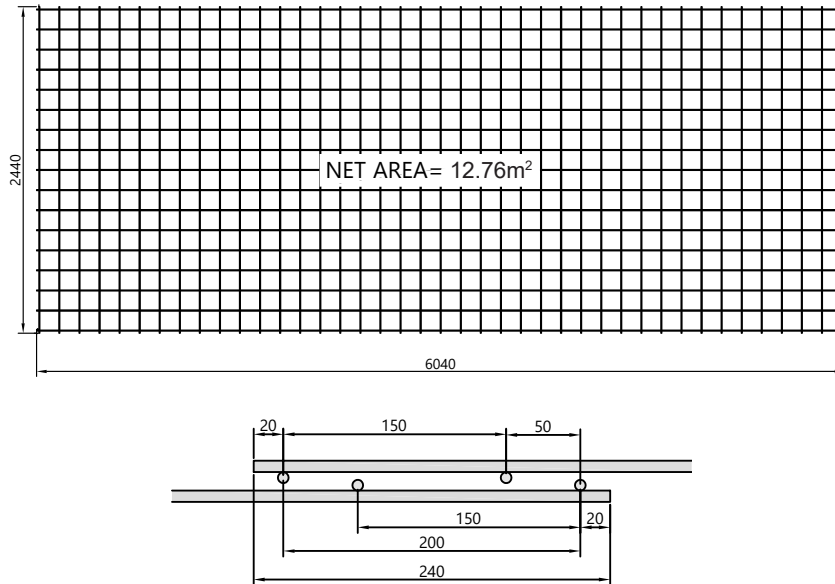


# HURRICANE CONSTRUCTION MESH

## 661XXL



**TYPICAL OVERLAP**  
Side and End Detail

### MESH SPECIFICATION

661XXL	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
<b>Longitudinal Wire</b>	7.5 Plain	150	6040	17	20
<b>Cross Wire</b>	7.5 Plain	150	2440	41	20

### MESH PROPERTIES

661XXL	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	14.74	12.76	294.53	70.30	4.77	25	1757.59

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

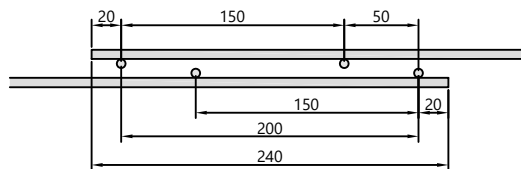
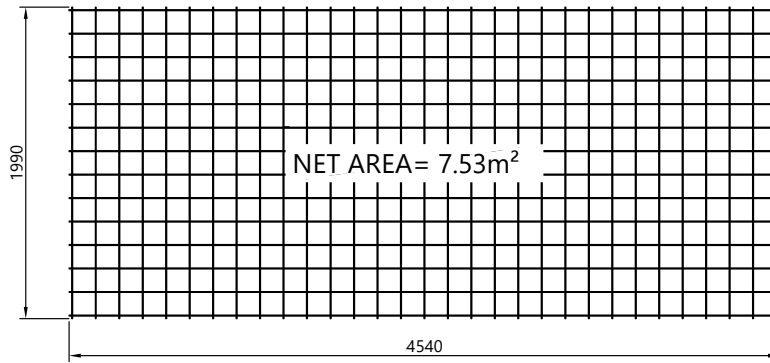
NZS 3101.1 clause 8.7.6(a) is considered the primary clause to determine the overlap from a mesh point of view. The concrete Designer may, with knowledge of the wider design requirements, be able to adjust the overlap, or to review it under 8.7.6(b)

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# HURRICANE CONSTRUCTION MESH

## 663L



**TYPICAL OVERLAP**  
Side and End Detail

### MESH SPECIFICATION

663L	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	6.3	150	4540	14	20
Cross Wire	6.3	150	1990	31	20

### MESH PROPERTIES

663L	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	9.03	7.53	207.82	30.65	3.39	25	766.23

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#### DESIGN OF REINFORCED CONCRETE STRUCTURES

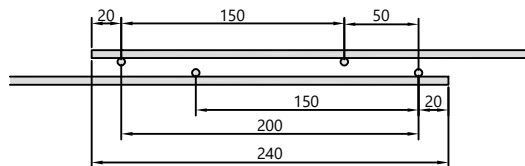
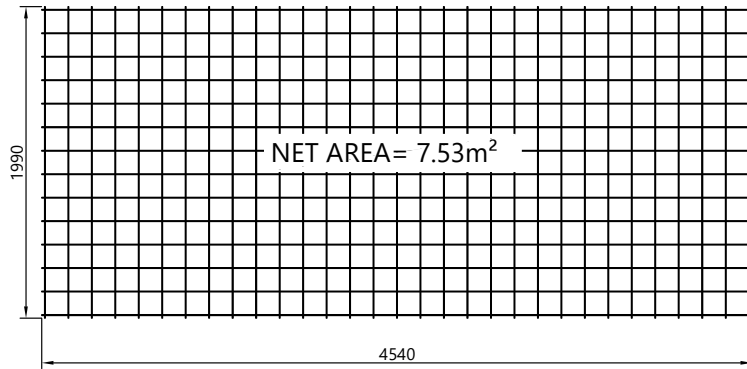
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# HURRICANE CONSTRUCTION MESH

## 665L



**TYPICAL OVERLAP**  
Side and End Detail

### MESH SPECIFICATION

665L	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	5.3	150	4540	14	20
Cross Wire	5.3	150	1990	31	20

### MESH PROPERTIES

665L	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	9.03	7.53	147.08	21.69	2.40	25	542.29

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

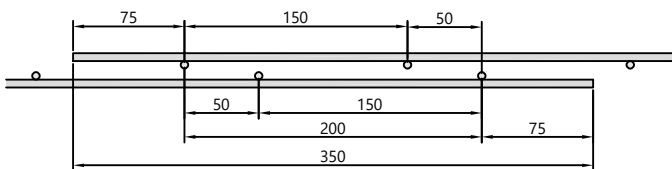
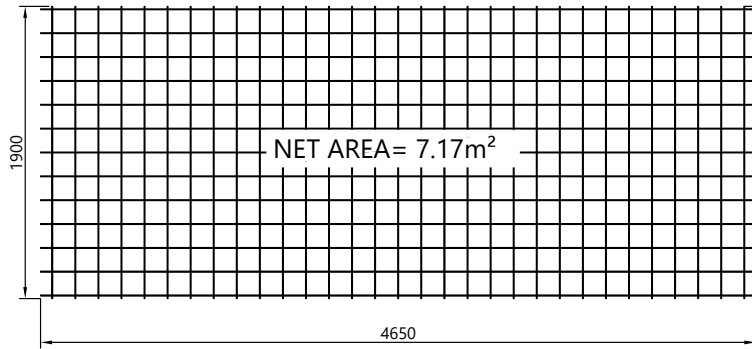
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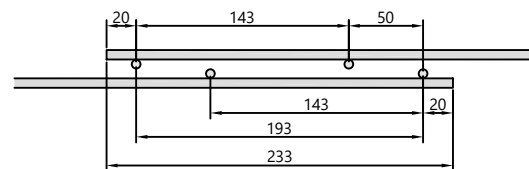
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# HURRICANE CONSTRUCTION MESH

665M



**TYPICAL OVERLAP**  
End Detail



**TYPICAL OVERLAP**  
Side Detail

## MESH SPECIFICATION

665M	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	5.3	143	4650	14	75
Cross Wire	5.3	150	1900	31	20

## MESH PROPERTIES

665M	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	8.84	7.17	147.08	21.48	2.43	25	537.02

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

### DESIGN OF REINFORCED CONCRETE STRUCTURES

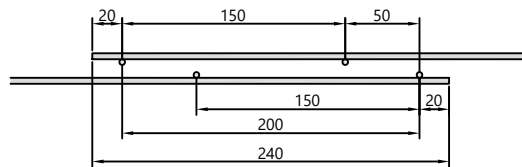
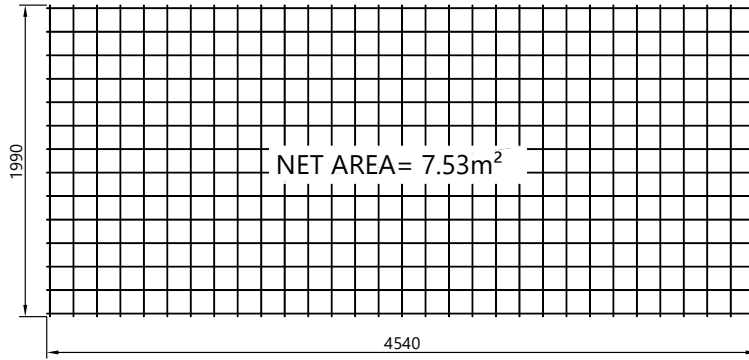
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# HURRICANE CONSTRUCTION MESH

668L



**TYPICAL OVERLAP**  
Side and End Detail

## MESH SPECIFICATION

668L	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	4	150	4540	14	20
Cross Wire	4	150	1990	31	20

## MESH PROPERTIES

668L	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	9.03	7.53	83.78	12.36	1.37	25	308.89

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### DESIGN OF REINFORCED CONCRETE STRUCTURES

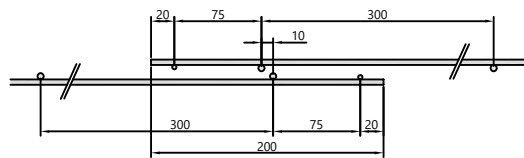
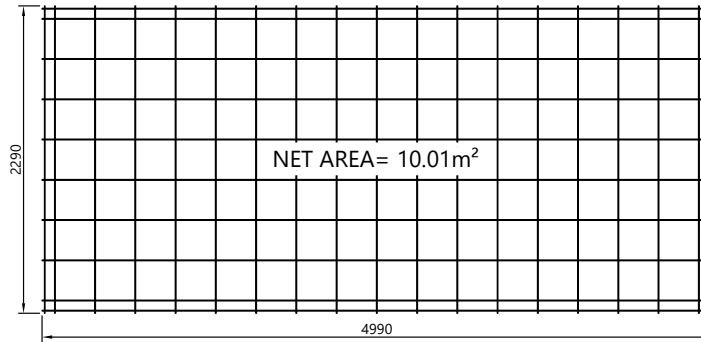
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# HURRICANE CONSTRUCTION MESH

## 84XP10



**TYPICAL OVERLAP**  
Side and End Detail

### MESH SPECIFICATION

84XP10	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	5.6 Deformed	300	4990	6	20
Cross Wire	5.6 Deformed	300	2290	15	20
Edge Wire (Longitudinal)	4 Deformed	75	4990	4	20
Edge Wire (Cross)	5.6 Deformed	75	2290	4	20

### MESH PROPERTIES

84XP10	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	11.43	10.01	82.10	16.17	1.46	25	417.79

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

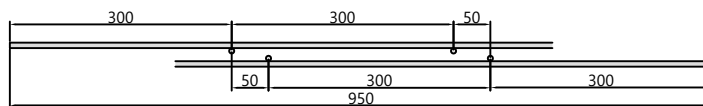
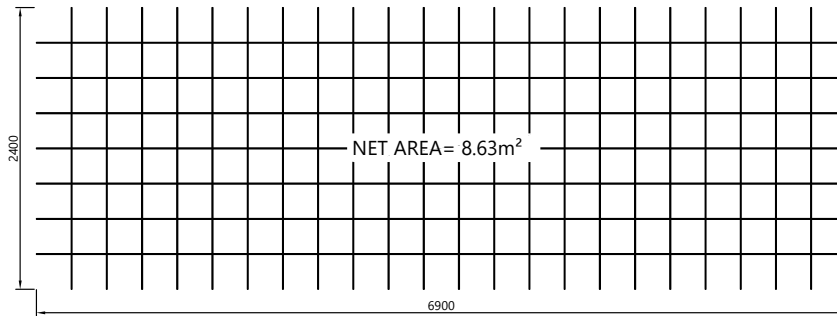
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# HURRICANE CONSTRUCTION MESH

## 147ST



**TYPICAL OVERLAP**  
Side and End Detail

### MESH SPECIFICATION

147ST	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	7.5 Deformed	300	6900	7	300
Cross Wire	7.5 Deformed	300	2400	22	300

### MESH PROPERTIES

147ST	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/ Bundle	Bundle Mass (kg)
	16.56	8.63	147.26	35.06	2.12	25	876.54

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

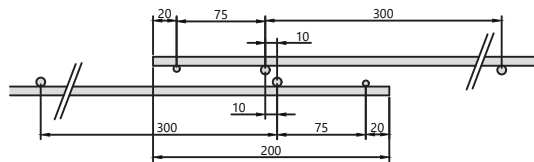
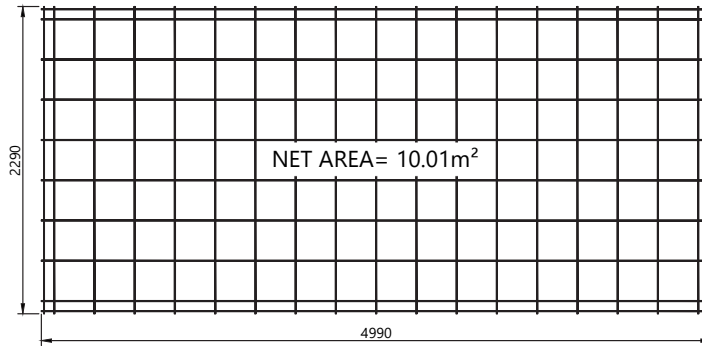
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# HURRICANE CONSTRUCTION MESH

## 147XP10



**TYPICAL OVERLAP**  
Side and End Detail

### MESH SPECIFICATION

147XP10	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	7.5 Deformed	300	4990	6	20
Cross Wire	7.5 Deformed	300	2290	15	20
Edge Wire (Longitudinal)	5.3 Deformed	75	4990	4	20
Edge Wire (Cross)	7.5 Deformed	75	2290	4	20

### MESH PROPERTIES

147XP10	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	11.43	10.01	147.26	28.93	2.62	25	747.51

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

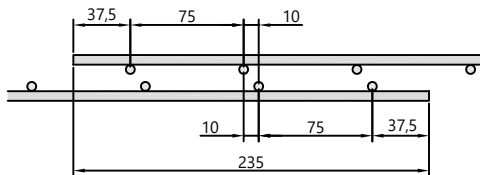
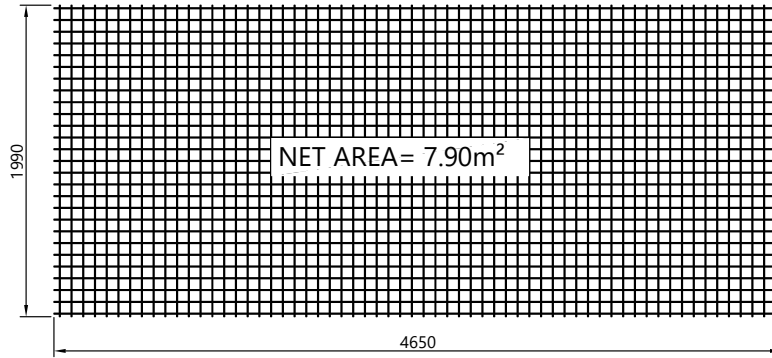
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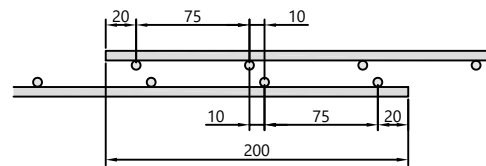
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# HURRICANE CONSTRUCTION MESH

## 333L



**TYPICAL OVERLAP**  
End Detail



**TYPICAL OVERLAP**  
Side Detail

### MESH SPECIFICATION

333L	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	6.3 Plain	75	4650	27	37.5
Cross Wire	6.3 Plain	75	1990	62	20

### MESH PROPERTIES

333L	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/ Bundle	Bundle Mass (kg)
	9.25	7.90	415.63	60.91	6.58	25	1522.85

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

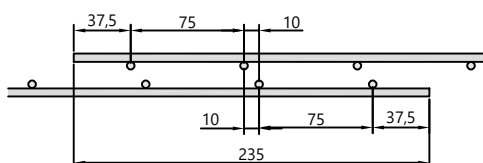
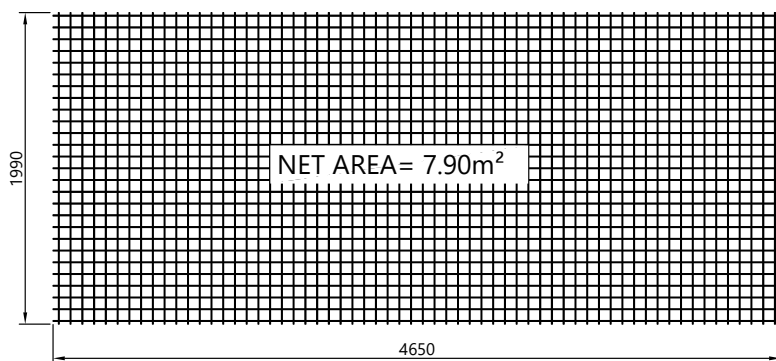
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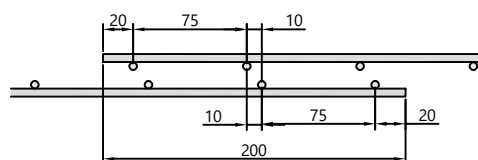
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# HURRICANE CONSTRUCTION MESH

## 335L



**TYPICAL OVERLAP**  
End Detail



**TYPICAL OVERLAP**  
Side Detail

### MESH SPECIFICATION

335L	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	5.3 Plain	75	4650	27	37.5
Cross Wire	5.3 Plain	75	1990	62	20

### MESH PROPERTIES

335L	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	9.25	7.90	294.16	43.11	4.66	25	1077.78

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

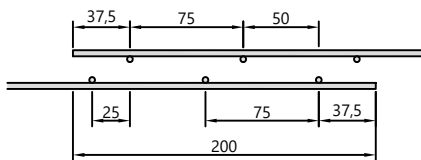
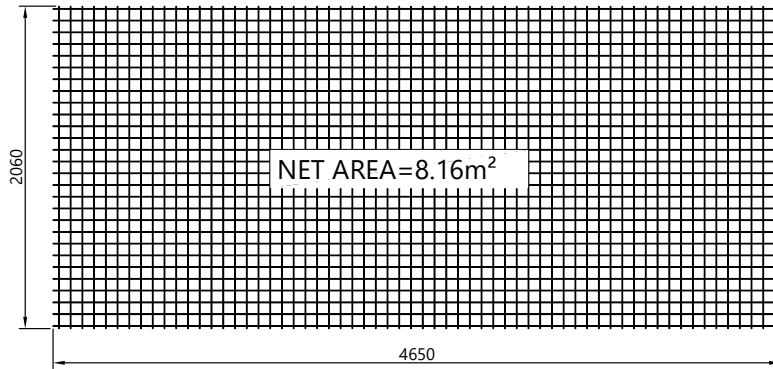
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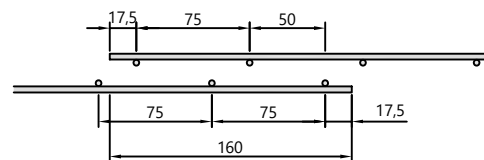
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# HURRICANE CONSTRUCTION MESH

## 338GMW GALVANISED



**TYPICAL OVERLAP**  
End Detail



**TYPICAL OVERLAP**  
Side Detail

### MESH SPECIFICATION

338GMW	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	4 Plain	75	4650	28	37.5
Cross Wire	4 Plain	75	2060	62	17.5

### MESH PROPERTIES

338GMW	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/ Bundle	Bundle Mass (kg)
	9.58	8.16	167.55	26.42	2.76	25	660.38

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

NZS 3101.1 clause 8.7.6(a) is considered the primary clause to determine the overlap from a mesh point of view. The concrete Designer may, with knowledge of the wider design requirements, be able to adjust the overlap, or to review it under 8.7.6(b)

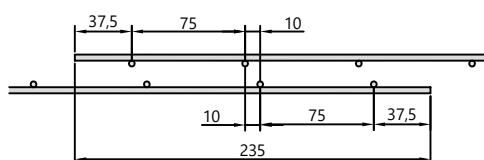
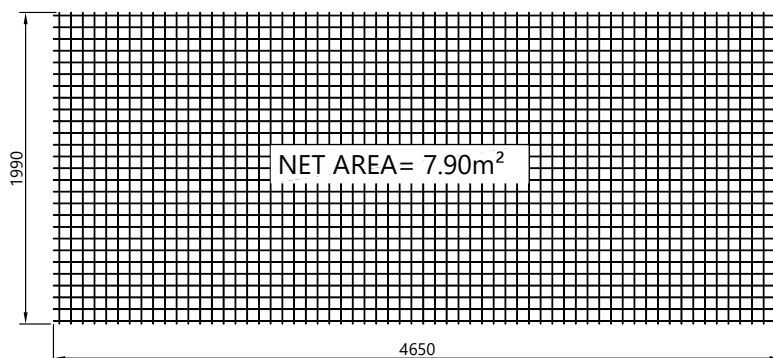
Galvanising will have a minimum of 300g/m<sup>2</sup> surface area

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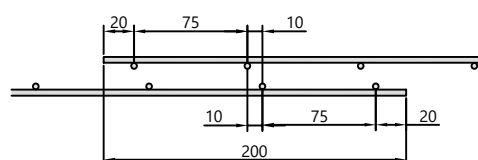
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# HURRICANE CONSTRUCTION MESH

## 338L



**TYPICAL OVERLAP**  
End Detail



**TYPICAL OVERLAP**  
Side Detail

### MESH SPECIFICATION

338L	Wire Dia (mm)	Spacing (mm)	Length (mm)	No. of Wires	Overhang (mm)
Longitudinal Wire	4 Plain	75	4650	27	37.5
Cross Wire	4 Plain	75	1990	62	20

### MESH PROPERTIES

338L	Sheet Gross Area (m <sup>2</sup> )	Nett Coverage (m <sup>2</sup> )	Cross Sectional Area/Width (mm <sup>2</sup> /m)	Sheet Mass (kg)	Sheet Mass/Area (kg/m <sup>2</sup> )	No. of Sheets/Bundle	Bundle Mass (kg)
	9.25	7.90	167.55	24.55	2.65	25	613.90

Made to Steel & Tube internal standard to achieve the nominal mass per square metre for non-seismic applications.

#### DESIGN OF REINFORCED CONCRETE STRUCTURES

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