

SQUARE MESH

PRODUCT DESCRIPTION

General purpose steel mesh is used for reinforcing flat concrete elements such as floor slabs and walls. Square mesh is manufactured from L grade ribbed wires (D500L) that are welded together with equal spacing in both directions to form square apertures. The wire used in our reinforcing mesh has a ribbed profile. This ribbed profile improves bonding to concrete, which minimizes concrete cracking that may occur as a result of concrete shrinkage.

ADVANTAGES

- Since the bars have been welded in sheets, the bars won't move whenever concrete is held in place which will ensure that correct bar positioning is observed
- Since the mesh is welded before delivery, there is no risk of misplacing an individual bar
- No site space is needed for the assembly of the steel
- Less need for additional labour
- The hard drawing will result in every section of the wire being tested as to its tensile strength, thus making it a more flexible material
- With the use of a welded wire fabric, there is no lying of single bars, no cutting, no binding, no bending, no hooks and no small pieces to be lost
- Using the steel mesh will require less steel reinforcement compared to using steel reinforcement bars
- There is a considerable financial saving since the welded steel wire mesh is easily handled and can also be installed much faster



APPLICATIONS

- Concrete footpaths
- Industrial and commercial ground slabs
- Precast Panel construction

- Residential slabs and footings

TEST RESULTS

Ribbed wire reinforcing mesh in standard 6.0m x 2.4m sheets complies with AS/NZS 4671.

SPECIFICATIONS

Code	Standard Unit	Main Wire (mm)	Edge Wire (mm)	Cross Wire (mm)	Sheet Mass (kg)
SL62	Sheet	6.00@200	4.75@100	6.00@200	33
SL72	Sheet	6.75@200	4.75@100	6.75@200	41
SL82	Sheet	7.60@200	6.00@100	7.60@200	52
SL92	Sheet	8.55@200	6.00@100	8.55@200	65
SL102	Sheet	9.50@200	6.75@100	9.50@200	80
SL81	Sheet	7.60@100	7.60@100	7.60@100	105