Flexibility of handling and placing:

The usage of thinner wires lends the welded mesh as really flexible in handling. Coupled with the availability in long lengths in roll form, welded mesh provide the ideal and convenient solution for all kinds of repair work by

- Re-plastering
- Guniting
- Precast partitions
- Shelves
- Fins

Yield Strength (1 N/mm^2 0.102 kg/mm^2 Yield/0.2% Proof Stress

M S Bars	250 N/mm^2	IS: 432/1982) Pt (I)
HYSD Torr Steel Bars	415 N/mm^2	IS: 1786/1985
Welded Mesh	480 N/mm^2	IS: 432/1982) Pt (II)

Our range of welded mesh is widely used in various application areas including:

- Building construction
- Reinforcement
- Parking area
- Pavements
- Ground slab
- Ferro Cement
- For Safety and security
- For furniture
- For cooler
- For gabions

The usage of wire mesh helps to save time, cost and energy in construction work.

- Structural Flat slabs or in slabs with Beam Slab construction
- Large area Floor slabs on ground, pavements, airport runways, aprons etc to achieve crack-free joint less surfaces
- Concrete elements of curved or difficult shapes such as arches, domes, lotus petals etc. here the flexibility of welded mesh and its ready to use nature aids all the way
- Precast elements which are thin or are difficult to reinforce such as curved arch flat members, Hyperbolic Paraboloid Shells, folded plate roof girders, fins, thin pardis or chajja drops
- Standard mass production precast R.C.C and prestressed elements such as slab panels, wall panels where the combination of factory production mechanisms,

ready to lay welded mesh sheets and controlled concrete can result in excellent results with efficiency and quality in all aspects

- As a bonding welded mesh during guniting (spraying of thick Cement-Sand Slurry with Compressed Air) or during re-plastering required for Repairs and rehabilitation of structures. Guniting is also widely used for coating of pipelines to significantly enhance their life against corrosion. A popular use now is to use welded mesh strips below plaster at the beam-masonry wall junction to prevent cracks in plaster.
- Unstressed Shaping or Form Reinforcment used in Prestressed Concrete Girders of Box, 1, Tor Double T-section. Here welded mesh with its thin profile is particularly essential since the flanges, web etc of these efficient sections are themselves are quite thin and usage of thick individual bars with the special cover requirements can cause severe congestion for the prestressing tendon ducts.
- Ferrocement or Ferrocrete works where welded mesh is the only solution for forming the reinforcing matrix along with chicken mesh to develop thin and efficient precast elements such as water tanks, fins, shelves etc.

Specifications:

Mesh Size	**6mm**	**5.5mm**	**5mm**	**4.5mm**	**4mm**	**3.25**
150mmx150mm	3.15	2.65	2.20	1.8	1.4	0.95
125mmx125mm	3.8	3.15	2.60	2.15	1.70	1.10
150mmx75mm	4.7	3.9	3.25	2.6	2.1	1.4
100mmx100mm	4.7	3.9	3.25	2.60	2.10	1.40
75mmx75mm	X	X	X	3.45	2.75	1.80
50mmx50mm	X	X	X	X	4.1	2.70