

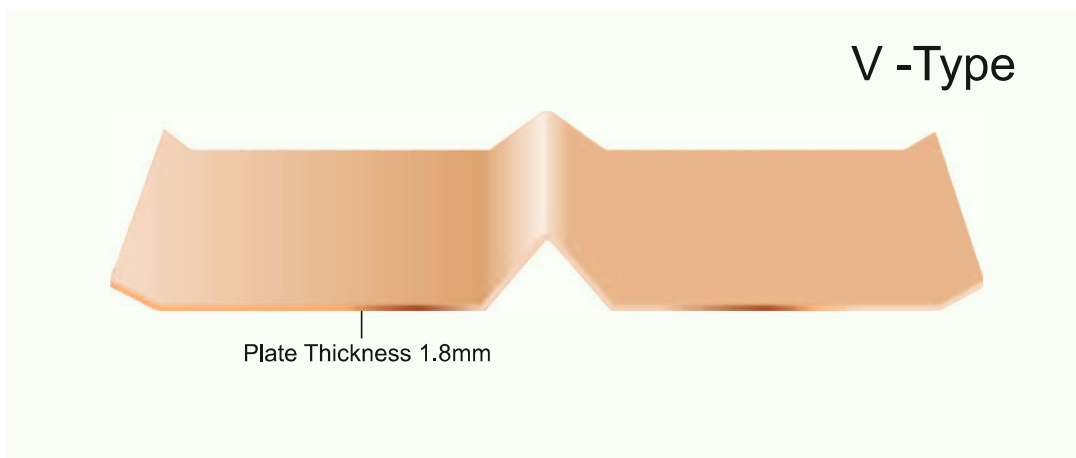
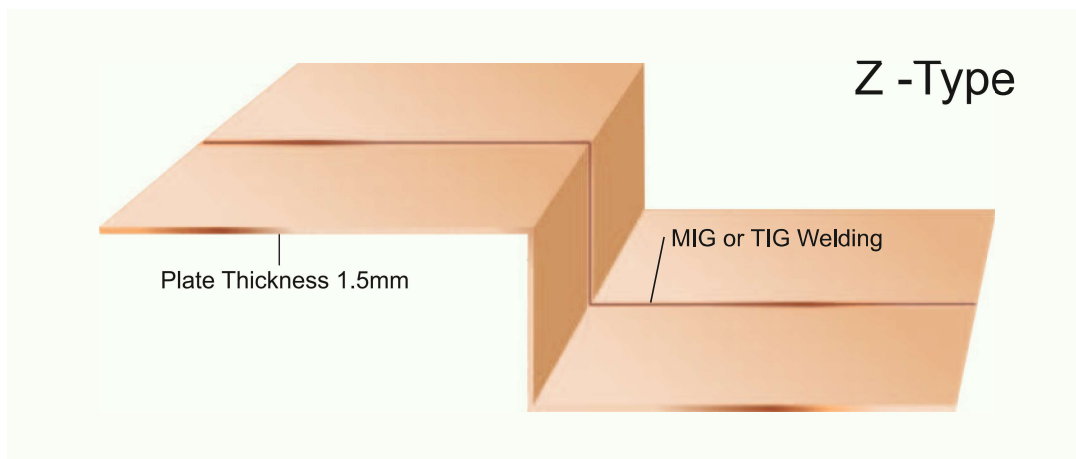
COPPER/METAL WATER STOP SEAL

In heavy structures, where joints are to be extraordinarily protected Metal Water Stops are used. Copper due to its ductile nature is the most suited material for this purpose.

Various shapes of copper may be used to serve the application is most common.

Shape either in the thickness of 1.5 mm or 1.8 mm.

Material should be as per IS:191 for grade II Phosphorous De oxidized Copper non arsenical.



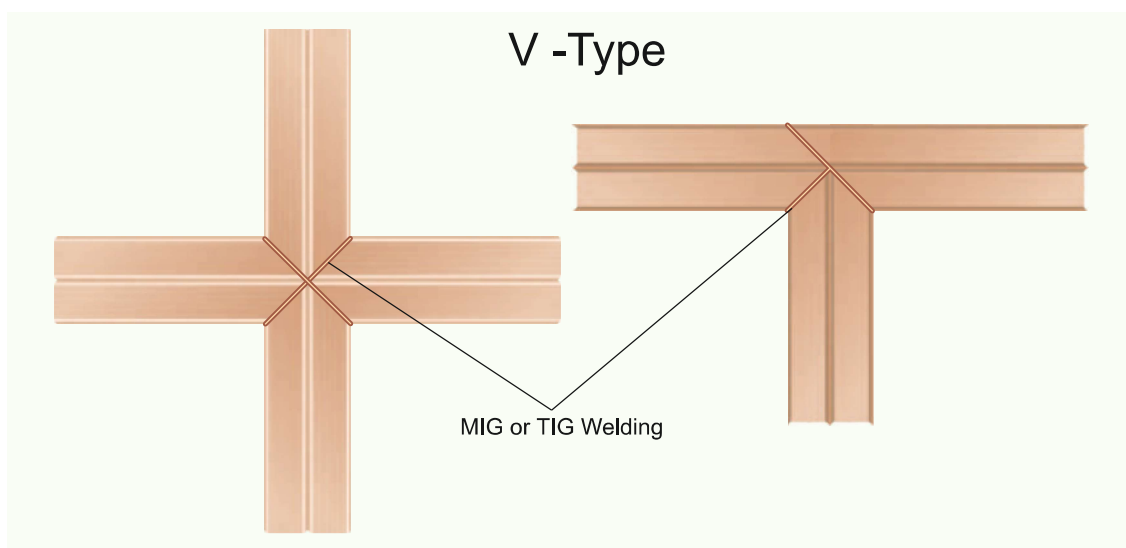
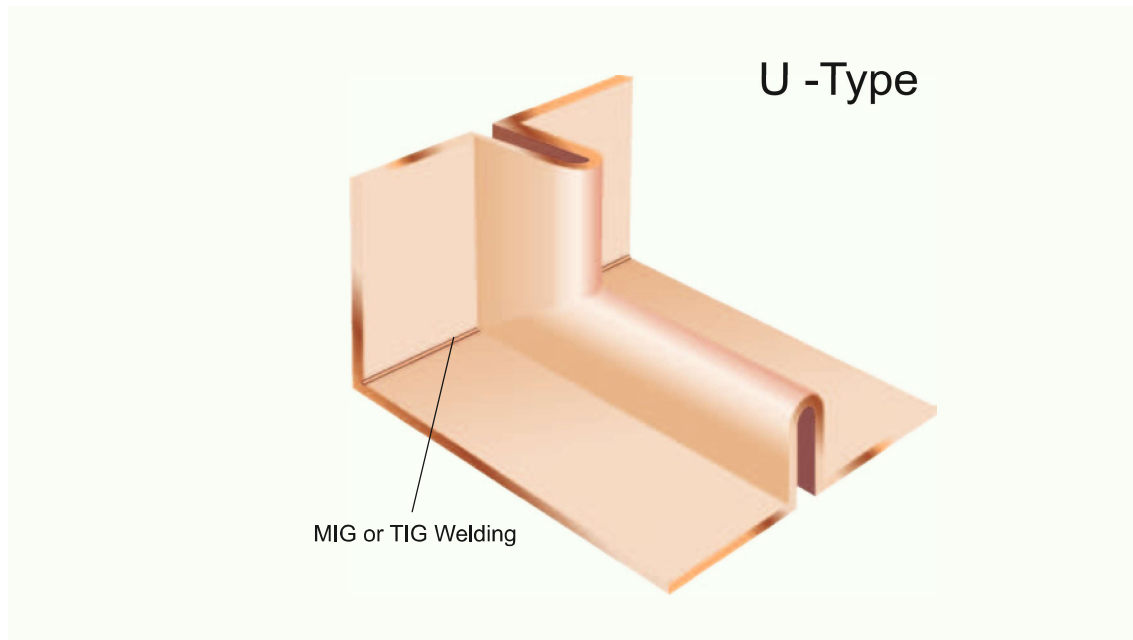
COPPER/METAL WATER STOP SEAL

FABRICATION:

The integrity of the Water Stop system depends on proper fabricated Water Stop splices to achieve a complete fluid tight system. All directional changes and intersections shall be minor cut and spliced by TIG or MIG welding to maintain continuity of the out side flanges.

ADVANTAGE OF COPPER W.S.S.

- 1- Specific Gravity : 8.9
- 2- Hydrostatic Pressure : Very High
- 3- Concrete Compatibility : Very Good
- 4- Ozone Resistance : Very Good
- 5- Service Life : Very Long
- 6- Corrosion Property : Excellent



COPPER /METAL WATER STOP SEAL

INSTALLATION:

Proper Water Stop splices, including butting straight lengths, changes of direction, and intersections are very important. Copper Water Stop should be continuous for the extension of the joint. Position of Water Stop so the V or Z expansion Zone is centered in the joint. Support & secure the Water Stop in the position to limit displacement during the placement of the concrete.

