

**WIRE
GABION**
TECHNICAL DATA SHEET



GS Gabion are manufactured from GI Wire either coated or un-coated. GS Gabions come in various dimensions and mesh sizes.

GS Gabion form a Hexagonal Wire Mesh that has a hexagonal opening which is formed by twisting pairs of wire together with one and a half turns (sometimes referred to as triple or double twist). These modules, units or 'cages' as they are known, are formed from wire mesh fabric panels, jointed to form square, rectangular or trapezoidal shaped units.

GS Gabion are normally manufactured from a 2.7mm GI Wire and are coated with Zinc. For more aggressive environments, an additional organic polymer powder (PVC) coating is also applied.

Advantages of GS Gabion Boxes

GS Gabions have a number of advantages over other types of construction materials, particularly for installations on unstable foundations.

1. Provide Adequate Strength to the Structure.
2. Provide Flexibility to help Withstand Differential Settlement
3. Reduce Hydraulic Pressure Behind Retaining Structures
4. They are Highly Durable
5. Very Economic viz a viz Rigid Structures
6. Easy & Rapid Installation
7. They are Environment Friendly as they allow Growth of Vegetation

