

(PREVIEW)

Indian Standard

MECHANICALLY WOVEN, DOUBLE-TWISTED, HEXAGONAL WIRE MESH GABIONS, REVET MATTRESSES AND ROCK FALL NETTING (GALVANIZED STEEL WIRE OR GALVANIZED STEEL WIRE WITH PVC COATING) — SPECIFICATION

1 SCOPE

This standard covers gabions; revet mattresses and rock fall netting produced from double-twisted galvanized wire mesh, and galvanized wire for lacing wire, used for manufacturing, assembling, and installation of the product. This standard also covers gabions, revet mattresses and rock fall netting in which the wire mesh and lacing wire are PVC coated after the galvanizing. Double-twisted wire mesh for gabions, revet mattresses and rock fall netting is produced in different classes based on type of coating.

2 REFERENCES

The following standards contain provisions which through reference in this text constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

<i>IS No./Other National Standards</i>	<i>Title</i>
280 : 2006	Mild steel wire for general engineering purposes (<i>fourth revision</i>)
4454	Steel wires for mechanical springs — Specification :
(Part 1) : 2001	Cold drawn unalloyed steel wires (<i>third revision</i>)
(Part 4) : 2001	Stainless steel wire (<i>second revision</i>)
4826 : 1979	Specification for hot dipped galvanized coatings on round steel wires (<i>first revision</i>)
12753 : 1989	Electrogalvanized coatings on round steel wire — Specification
13360	Plastics — Methods of testing:
(Part 3/Sec 1) : 1995	Physical and dimensional properties, Section 1 Determination of density and relative density of non-cellular plastics

*IS No./Other
National
Standards*

Title

(Part 5/Sec 1) : 1996	Mechanical properties, Section 1 Determination of tensile properties — General principles
(Part 5/Sec 11) : 1992	Mechanical properties, Section 11 Determination of indentation hardness of plastics by means of durometer (shore hardness)
Part 8/Sec 14) : 2005	Permanence/Chemical properties, Section 14 Determination of the effect of exposure to damp heat, water spray and salt mist
ASTM A975-97	Standard specification for double-twisted hexagonal mesh gabions and revet mattresses [metallic-coated steel wire or metallic-coated steel wire with polyvinyl chloride (PVC) coating]