
CONSTRUCTION SPECIFICATION
INSTRUCTION FOR USE
CS-I-OR-233 DRAINAGE FILTER

233.1 APPLICABILITY

Construction Specification CS-OR-233 is applicable for all drain systems requiring either an aggregate or fabric filter to prevent piping or improve the permeability of the base material.

233.2 MATERIAL SPECIFICATIONS

The following material specifications complement Construction Specification CS-OR-233:

- a) MS-OR-592---Geotextile
- b) MS-OR-521---Aggregates for Drainfill and Filters.

233.3 ITEMS TO BE INCLUDED IN THE SPECIFICATIONS AND ON THE DRAWINGS

- a) Show the location and dimensions of the site on the drawings.
- b) For aggregate filters specify:
 - 1. Gradation if other than the fine aggregate of ASTM C-33 is to be used.
 - 2. Thickness and show on drawings.
- c) For fabric filters specify:
 - 1. Fabric type designation from MS-OR-592, Geotextile.
 - 2. Panel placement, and orientation.
 - 3. Special requirements for sewing of laps and splices.
 - 4. Special requirements for anchorage, if different than as specified in CS-OR-229, Wire Mesh Gabions.
 - 5. Covering requirements to prevent puncturing or tearing.

233.4 ITEMS OF WORK AND CONSTRUCTION DETAILS

Starting at the top of page 233–2, prepare and outline job specific "Items of Work and Construction Details" (IWCD) in accordance with these instructions.