

Material and Performance Specification SedimentSTOP™

| Description |
|---|
| <p>SedimentSTOP™ (patent pending) shall be a machine-produced 100% biodegradable sediment filtration system.</p> <p>SedimentSTOP shall be composed of 70% straw and 30% coconut fiber matrix evenly distributed over the entire area of the bottom netting. The SedimentSTOP shall consist of a bottom bedding and a 2 ft. (0.61 m) top netting that covers the matrix material on the "splash apron" of the SedimentSTOP system. The netting shall be constructed from 100% biodegradable woven natural organic fiber netting. The netting shall consist of machine directional strands formed from two intertwined yarns with cross directional strands interwoven through the twisted machine strands (commonly referred to as a Leno weave) to form an approximate (0.50 x 1.0 inch (1.27 x 2.54 cm) mesh. The blanket shall be sewn together on 1.50 inch (3.81 cm) centers with biodegradable thread.</p> <p>Each SedimentSTOP shall yield a structure 50 linear feet (15.2 m) in length, with an approximate finished diameter of 9 inches (0.23 m). the diameter of the finished structure may be increased to meet individual project specifications by spreading loose straw, pine needles, wood chips, grass clippings, etc. across the width of the SedimentSTOP before rolling edge to edge.</p> |

| Physical Specifications | |
|-------------------------|-----------------------|
| Width | 6.67 ft (2.03 m) |
| Length | 50.00 ft. (15.25 m) |
| Weight ± 10% | 65.00 lbs (29.50 kg) |
| Stitch Spacing | 1.50 inches (3.81 cm) |
| Diameter | 9.00 inches (0.23 m) |



| Material Content | | |
|------------------|---|--|
| Matrix | 70% Straw Fiber | 1.225 lbs/yd ² (0.665 kg/m ²) |
| | 30% Coconut Fiber | 0.525 lbs/yd ² (0.285 kg/m ²) |
| Netting | Bottom -Leno woven 100% biodegradable natural organic fiber | 9.30 lbs/1000 ft ² (4.50 kg/100 m ²) |
| | Top -2 ft (0.61 m) strip covering the "splash apron", Leno Weave jute netting | 9.30 lbs/1000 ft ² (4.50 kg/100 m ²) |
| Thread | Biodegradable | |

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