

VERSASHIELD™



GUARDIAN™
RETENTION SYSTEMS

SAMPLE APPLICATIONS

Fabric: Woven, coated, 100% virgin polypropylene

Fabric Weight: 8.0 oz./sq. yard

Weft Tensile: 335 lbs.

Warp Tensile: 531 lbs.

Weft Elongation: 20% Min.

Warp Elongation: 20% Min.

Tensile Strength: 390 lbs. x 360lbs.

Weaving Construction: 10 x 13.5

Burst Strength: >600 lbs.

Puncture Strength: >100 lbs.

UV protected

UV Resistance: > 70% after 2,000 hours

Chain Stitch, individual tails secured with knot

Main Stitching: 3 stitches per inch with 5000 DEN PP

Standard fabric color: white

Standard Stitching Color: white

SAMPLE APPLICATIONS

- ◆ Surface water barrier
- ◆ Flow control system
- ◆ Deflect water
- ◆ Direct sheet flow
- ◆ Control runoff
- ◆ Slow water velocity
- ◆ Control rising waters
- ◆ Thwart flooding and rapid inundation
- ◆ Create silt and sediment checks
- ◆ Create instant cofferdams
- ◆ Stabilize small slopes and slides
- ◆ Serve as slope barriers
- ◆ Reinforce headwalls and curbing
- ◆ Beach and dune nourishment and stabilization

VERSASHIELD™



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160-113

PROTECTION FROM NATURE™

VERSASHIELD™



GUARDIAN™

RETENTION SYSTEMS

VERSATILE

The GRS VersaShield™ is a quick and effective Do-It-Yourself surface water barrier and flow control system that can be easily setup to deflect water, direct sheet flow, control runoff, and to slow water velocity.

- Fill units with concrete and use them to stabilize slides, re-enforce creek and river banks, repair headwalls, or to serve as curbing.
- Fill units with sand or asphalt millings to dam creeks, divert water, perform silt checks, or create fast, portable water barriers.

Integrated handles can be used to move filled units into place using light or heavy equipment such as a skid steer, backhoe, or excavator.

DESIGN HIGHLIGHTS

- Rapidly deployable
- Portable, self-contained system
- Reusable: fill, use, clean, dry, and use again
- Specially sized units 3' long by 1' tall and 4' long by 2' tall
- Made of waterproof polypropylene fabric with UV protection
- Connect any number of units together to create custom system lengths
- Stack units to create custom heights
- Various fill options, including concrete, sand, gravel, or asphalt millings
- 3'x1' System = 500 LBS □ 2'x4' System = 2,800 LBS

- FAST □ PORTABLE □ WATERPROOF
- SELF CONTAINED □ REUSABLE



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