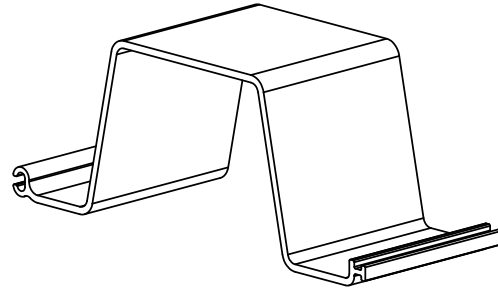


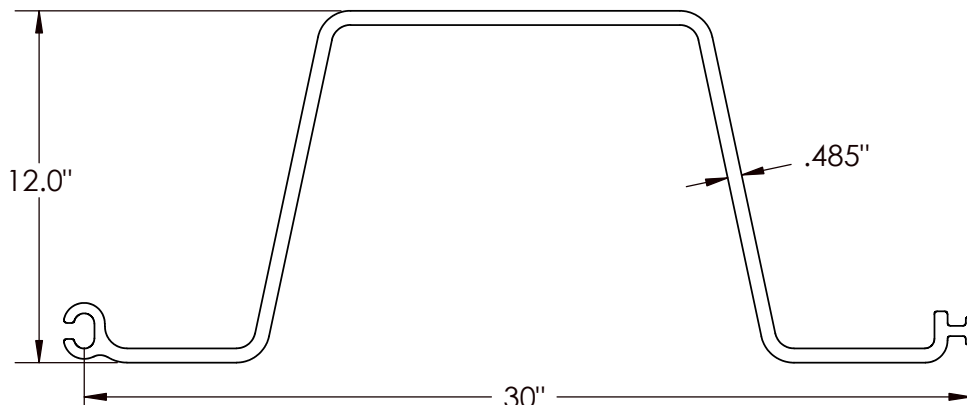
SG-825



Allowable Moment (M)*	9,787 ft-lb/ft	43.53 kN-m/m
Section Modulus (Z)	36.7 in ³ /ft	1,973 cm ³ /m
Moment of Inertia (I)	220 in ⁴ /ft	30,043 cm ⁴ /m
Impact Strength**	776 in-lbs	87.68 N-m
Thickness (t)	0.485 in	12.2 mm
Section Depth	12.0 in	305 mm
Section Width	30 in	762 mm
Material	Weatherable Rigid Vinyl	
Cap Compatibility	AW-1500	
Standard Colors	Grey, Clay	
Technology	Box Profile, I-Beam Lock®, XCR™	
Standard Packaging	5 sheets/bundle	

* based on a 3200 psi allowable stress per ASTM D8427-21 and USACE EM 1110-2-2502

** based on a 1600 in-lbs/in impact strength normal to the sheet per ASTM D4226





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Cascade
GEOSYNTHETICS

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- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

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- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

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Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

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