



PYRAWALL™ is an engineered wrap-face vegetated solution for constructing reinforced-earth walls and steepened slopes. The system consists of PYRAMAT® 75 High Performance Turf Reinforcement Mat (HPTRM) and fiber-composite internal bracing. Featuring flexible setback and alignment, PYRAWALL can be customized to unique site conditions and geometrics.

Applications

- Wrapped-face Mechanically Stabilized Earth (MSE) structures
- Reinforced Soil Slopes (RSS)
- Stream bank stabilization
- Landslide remediation
- Vegetated facing for soil-nail or ground-anchored slope
- Landscaping enhancements for residential and commercial properties
- Wing walls for Geosynthetic Reinforced Soil – Integrated Bridge Systems (GRS-IBS)

Advantages

PYRAWALL's patented design provides flexibility, allowing projects to be customized to unique site conditions and geometry.

Features & Benefits

- Interlaced bracing provides superior material connection and system performance
- Produces reinforced soil mass to resist lateral earth pressures and provides immediate erosion protection upon installation
- Is a Vegetated Best Management Practice Solution for NPDES Storm Water Compliance
- Superior UV resistance for up to 75 years of design life
- Eliminates the need for temporary metal bracing or removable forms to improve installation efficiency
- Flexibility of product allows for curves to be incorporated along the wall or slope alignment
- Provides durable, permeable and vegetated wall face for long-term performance and aesthetics
- Ideal for coastal climates because the components are environmentally inert and not susceptible to corrosion
- On-site soil can be used for infill eliminating the cost and carbon footprint of importing soil
- System is easily transported making it ideal for sites that are difficult to access
- If walls/slope are higher than seven feet requiring geogrid extensions, then PYRAWALL serves as secondary reinforcement to redistribute potential high facing loads
- Patented trilobal X3® Fiber Technology helps lock in seeds and promote rapid root mass development
- Available in Green or Tan

**Contact our Engineering Services team
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