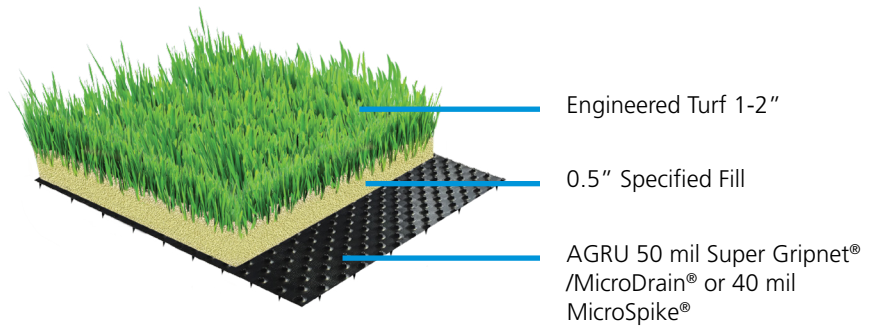


# AGRU CLOSURE SOLUTIONS



The  
Plastics  
Experts.

OVER 70 YEARS OF EXCELLENCE IN PLASTICS  
AND GEOSYNTHETICS



## ClosureTurf® System

ClosureTurf®, a Watershed Geo patented product, is a final cover system comprised of AGRU's Super Gripnet® or MicroSpike® geomembrane overlain by an engineered synthetic turf and specified infill material.

### Advantages:

- Approved as an EPA Subtitle-D compliant final cover system since 2009.
- Installs on average more than 50% faster than the traditional closure system.
- Eliminates the need for large quantities of soil and related equipment activities, improving site safety, while often lowering construction costs.
- Reduces average maintenance costs by roughly \$1,300 per acre per year.
- ClosureTurf dramatically improves runoff water quality, making it an effective BMP for Clean Water Act requirements.
- Reduces the carbon footprint by approximately 80%.

  
**ClosureTurf®**  
A Watershed Geo Patented Product

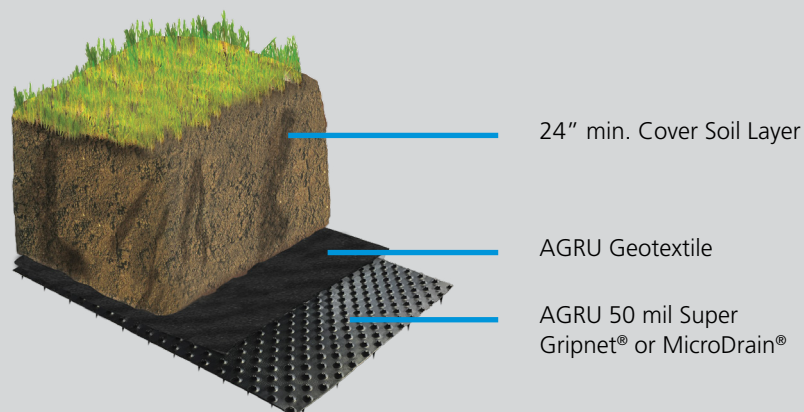
CLOSURETURF® is a U.S. registered trademark which designates a product from Watershed Geosynthetics, LLC. This product is the subject of issued U.S. and foreign patents and/or pending U.S. and foreign patent applications.

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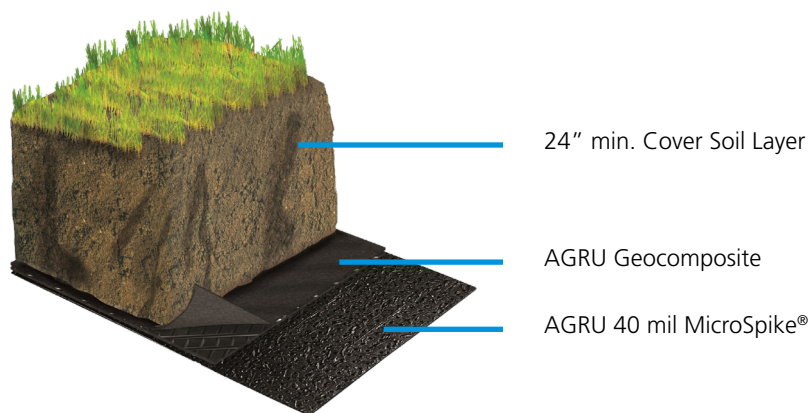


## Integrated Drainage System (IDS)

The traditional closure solutions are not the adequate fit for every closure project. To address challenges such as poor interface friction, a lack of consistency between different liners, and installation difficulties, AGRU offers IDS, a Subtitle D-compliant closure and containment system that incorporates an advanced drainage structure within the geomembrane component.

Advantages:

- Incorporates drainage and environmental containment performance into a single layer.
- Reduced need for separate drainage material layers, representing substantial cost savings and avoids material delay associated with geocomposites.
- High factor of safety for steep-slope stability.
- Installs 15% faster when compared with traditional closure systems.
- Requires lower number of rolls to ship, unload, and store on-site.



## Geocomposite Closure Solution (GCS)

AGRU's spin on the traditional closure system brings on the added benefit of more than half a century of geosynthetic manufacturing expertise and quality control. AGRU GCS comprises an AGRU geomembrane that made complete with a separate drainage layer, a soil cover, and a vegetative layer.

Advantages:

- Can incorporate a cost-efficient AGRU geocomposite material for moderate drainage performance.
- Typically used on 18-degree slopes (3:1).
- Applications include landfill closures.

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