



Upon application forms a consistent and effective layer between waste and the surrounding environment



Dyed green to confirm coverage rate for efficiency, unlike non-dyed spray-on products



Debris on an open-faced landfill



A polysaccharide tackifier increases the surface bond to debris, including plastic and other slick-surface materials, ultimately lowering blowing debris and trapping odors

An Effective, Cost-Saving Alternative to Soil or Tarps

BioCover™ Alternative Daily Cover (ADC) is hydraulically applied, meets federal regulations, is less expensive than other alternate covers and is easier to apply. Manufactured from Thermally Refined® wood fibers combined with cellulose fiber and a viscous polysaccharide tackifier, BioCover is the superior alternative to soil, mulch or plastic daily covers.

BioCover Advantages:

- Better for the environment—minimizes the accumulated leachate pockets and leachate seeps that are typically caused by continuous daily soil cover practices; designed as 100% biodegradable and non-toxic
- Preserves air space—creates a uniform protective layer that is dramatically thinner than comparably effective soil applications, increasing available space and the functional lifespan of the landfill
- Improves Landfill Gas Management System efficiency—minimizes the number of intermediate impervious layers which increases the capture zone and efficiency of the gas extraction system
- Prevents water infiltration—reduces leachate runoff with excellent absorption properties
- Lowers emissions—conserves fuel, requiring less excavation and transportation equipment needed on the jobsite
- Inhibits scavengers—deters unwanted pests

BioCover™ ADC Technical Data:

BioCover™ meets the ASTM International's standard guide for evaluation and selection of alternative daily covers for sanitary landfills (ASTM 6523-00), assists in the understanding of performance features to determine the extent and degree to which different ADC's are able to "control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment" as intended by United States Environmental Protection Agency regulations.

As with any ADC, the final application cost per square foot will vary depending on the type of waste materials, compaction, moisture content, weather conditions, local regulatory requirements and local environmental issues. However, BioCover is the fastest, provides the best coverage and is the most affordable option on the market today.

COMPOSITION

Thermally Refined® Wood Fiber—51% ± 3%
 Cellulose Fiber—27% ± 3%
 Polysaccharide Tackifier—10% ± 1%
 Moisture Content—12% ± 3%

ADC APPLICATION RATE

BioCover should be used at 1500-2500 pounds per acre (1700-2800 kg/ha).

**1/4" (0.64 cm) ADC NEEDED PER APPLICATION VS
 6" (15 cm) COMPACTED SOIL**

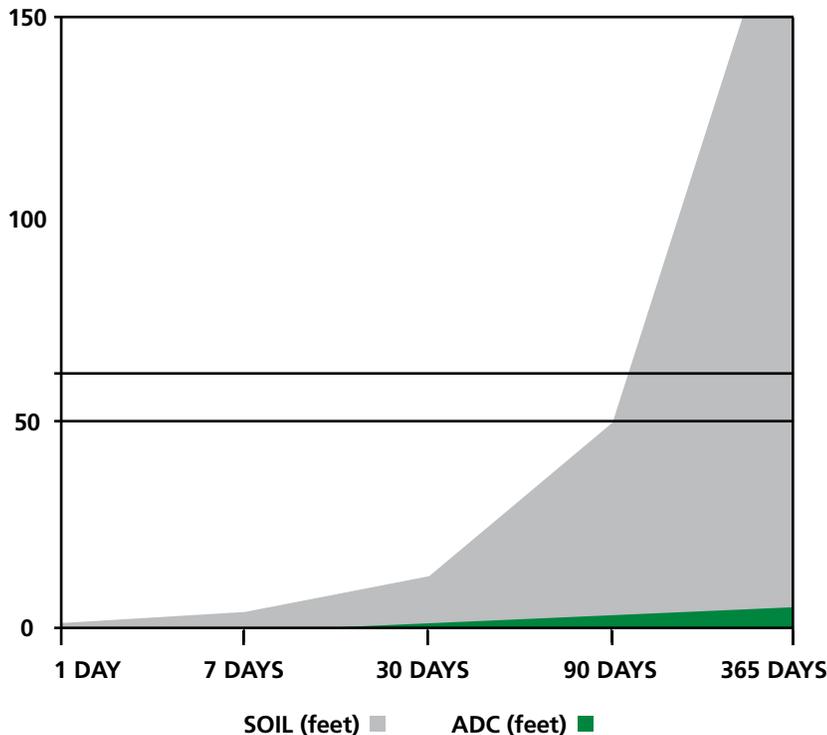


Chart demonstrates amount of landfill space lost over the course of a year with a standard soil application compared to ADC. ADC requires minimal coverage of 1/4-inch (0.64 cm) per application, resulting in greater available landfill space for waste.

PACKAGING

Bales: Net Weight – 50 lb (23 kg)

Pallets: 40 bales/pallet 1 ton (907 kg)/pallet

BIOCOVER PRESERVES LANDFILL CAPACITY

Soil—33 square feet (0.93 m³) of dirt on top of the refuse (when applied at six inches (15 cm) of soil per day)

BioCover—33 inches (0.02 ft³) of material (when applied at 1/4-inch (0.64 cm) per day)



Green Design Engineering™ is a holistic approach that combines agronomic and engineering expertise with advanced technologies to provide cost-effective and earth-friendly solutions. Profile strives to deliver Green Design Engineering across our team of consulting professionals, innovative products and educational resources.



PS³ is a free, comprehensive 24/7 online resource you can use to design a project and select the right products that address both the physical and agronomic needs of your site. It will help you develop holistic, sustainable solutions for cost-effective erosion control, vegetation establishment and subsequent reductions in sediment and other pollutants from leaving disturbed sites. Because good plans start with the soil, PS³ offers free soil testing to ensure this critical step is considered. To access the site, design your project and take advantage of a free soil analysis, visit www.profileps3.com.



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