# THE TERRALAM® SUSTAINABILITY STORY





Environmental stewardship, sustainability, and compliance are our foundational principles at Sterling. We proudly declare our vision: "To foster harmony between the environment and construction with world-class site access solutions."

We seek to drive change with cost-effective, innovative site access solutions that maximize performance while minimizing environmental impact. The convergence of these principles was the inspiration for TerraLam CLT mats.

Let us show you how TerraLam helps make your job site safer and more efficient while supporting your company's commitment to the environment.

## TERRALAM® SUSTAINABILITY STORY

Learn why innovative TerraLam mats are the most environmentally friendly site access product on the market

THE PINE PLANTATION

TerraLam mats are made from 100 percent southern yellow pine (SYP) grown on sustainably managed farms and can be harvested in 25-30 years. In contrast, traditional timber mats are built with hardwood trees such as oak and maple, which take 80-100 years to reach a harvestable diameter and are taken from natural forests.

SYP provides more raw materials

in the time it takes to regenerate hardwoods



Densely populated SYP forests consume more CO<sub>2</sub> than thinned hardwood forests

Sterling's manufacturing facilities are optimized



for sustainability.

- LED lights and motion-detected zone lighting reduces energy consumption
- Facility-wide recycling program minimizes waste
- Recycling program for sawdust creates livestock bedding, a bio-fuel component, and other products no wood is wasted







TERRALAM® 300



**Bolted Access Mats** 

15.6

Carbon Emissions in Metric Tons 29.7

14.4 FEWER
METRIC TONS OF CO.
WITH TERRALAM

#### **Use fewer resources**

Timber mats are frequently destroyed in as little as two years — and even sooner in adverse conditions, such as wetlands, or with heavy-tracked equipment. TerraLam® 500 and 700, CLT mats however, use Cross-Grain Technology™ to increase durability, giving mats nearly double or triple the average life.

#### Reduce mud and water problems

The solid, gap-free construction of TerraLam reduces mat flexing and pumping of water and mud onto the mat road. Mud on the mat road can be tracked into protected areas or roadways and must be managed throughout the project to eliminate noncompliance incidents.









Find out how TerraLam can improve sustainability on your next job

### **ABOUT STERLING**

Sterling is a leading provider of innovative site access solutions for companies that build our nation's energy infrastructure. We are America's largest manufacturer of CLT (cross-laminated timber) site access mats. Our TerraLam® CLT is an engineered matting solution that saves time and money, protects the environment, and ensures worker safety. TerraLam is manufactured on state-of-the-art automated equipment at our Illinois and Texas facilities for maximum consistency and quality. Our innovative matting products, combined with expert consultation and an array of turnkey services, deliver exceptional value on any size project and lay the groundwork for your success.

CONTACT US



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