



## CASE STUDY PENN STATE UNIVERSITY PARKING LOT RESURFACING

Pavement Overlay  
State College, PA

### PROJECT SUMMARY

A parking lot at Penn State University needed to be repaved due to severe alligator and linear cracking as well as spalling. The project engineer had previously used fiberglass-based paving fabric, but wanted to try PETOMAT® Enviro™ because it is a sustainable paving interlayer that can be easily milled and recycled.

Elongation, the amount of stretch an object can endure before breaking, is one area where Enviro outperforms fiberglass-based paving products. Enviro features elongation of 25 percent, while glass-base products have around three percent elongation. Because of this, Enviro can be placed directly on a milled surface without a leveling course. This saves approximately \$4-\$5 per square yard.

Optimal elongation also allows Enviro to easily be installed around curves without breaking. This was an important element for this project because the parking lot had a number of angles and tight corners. The installer was extremely pleased with how easily Enviro was able to conform to the space, enabling maximum installation efficiency.

Overall, 18,000 square feet of Enviro was installed and the entire project was completed in two hours. The engineer was very happy with the easy and quick installation, and is looking to use PETROMAT Enviro in future projects.



### PROBLEM

A parking lot at Penn State University needed to be repaved due to severe alligator and linear cracking as well as spalling



### INSTALLATION

PETOMAT® Enviro™ was selected because it is a sustainable paving interlayer that can be easily milled and recycled



**PETROMAT**®  
**Enviro** The Recyclable Paving Fabric

[PropexGlobal.com/PetromatEnviro](http://PropexGlobal.com/PetromatEnviro)

## FEATURES & BENEFITS

- Easily mills into small pieces that can be recycled into new asphalt concrete
- Provides a superior moisture barrier to prevent water infiltration into the base and subgrade
- Can be placed directly on a milled surface without a leveling course, saving \$4-\$5 per square yard
- Easily installs around curves without tearing
- Absorbs more asphalt than glass alternatives, providing greater stress absorption and reduced reflective cracking
- Faster and easier to install than fiberglass paving products, reducing overall project costs

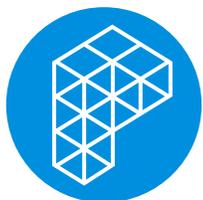


Made in U.S.A



## PERFORMANCE

The project engineer was happy with PETROMAT Enviro's quick and easy installation and the parking lot's flexible design will maintain an uncompromised moisture barrier.



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