



CASE STUDY PENN STATE UNIVERSITY BEAVER CAMPUS

Pavement Overlay
Monaca, PA

PROJECT SUMMARY

A parking lot located on the campus of Penn State Beaver was experiencing extensive linear and alligator cracking. Base repair had previously been performed on select areas of the space, but a full rehabilitation was needed.

The project engineer selected PETROMAT® Enviro™ paving interlayer to provide a moisture barrier and stress absorber because it is designed to easily mill into small pieces that can be recycled.

In less than one day 20,000 square yards of PETROMAT Enviro was installed. During installation, Enviro was driven on by several large trucks and paving equipment. The installation team and general contractor were impressed that the fabric remained uncompromised. Enviro's durability is due to optimal elongation, or the amount of stretch it can endure before breaking. Tests show that Enviro retains 95 percent after being exposed to construction traffic. In comparison, brittle fiber-glass paving products significantly weaken and tear under construction traffic.

Installation of Enviro created a stress-absorbing interlayer enabling resistance to reflective cracking comparable to an additional 1.5 inches of overlay thickness. The project engineer was so pleased with the outcome, that he plans to use PETROMAT Enviro on future projects.



PROBLEM

A parking lot located on the campus of Penn State Beaver was experiencing extensive linear and alligator cracking



INSTALLATION

PETROMAT Enviro was selected to provide a moisture barrier and stress absorber



PETROMAT®
Enviro *The Recyclable Paving Fabric*

PropexGlobal.com/PetromatEnviro

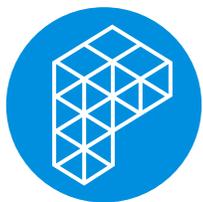
FEATURES & BENEFITS

- 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



PERFORMANCE

Enviro creates a stress-absorbing interlayer enabling resistance to reflective cracking comparable to an additional 1.5 inches of overlay thickness



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Visit our website for more information, Product Samples, or other inquiries, or call Customer Service at 800 624 1273

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