



CASE STUDY

GENE SNYDER AIRPORT

Airport Pavement Rehabilitation
Falmouth, KY

PROJECT SUMMARY

Gene Snyder Airport is Kentucky's northernmost general aviation airport. The airport's runway pavement was experiencing a range of cracking including pavement joint cracks, thermal, longitudinal and transverse cracking. Airport pavements are plagued with moisture infiltration due to their wide, flat nature. The Kentucky Aviation Department needed to rehabilitate the pavement to prevent moisture from further deteriorating the runway.

The project engineer had previously used PETROMAT® Enviro on two airport projects and liked its ability to mill and recycle. Unlike traditional paving fabric, PETROMAT Enviro is engineered to mill into small pieces so it can easily be recycled. Enviro provides unmatched moisture protection for pavements while absorbing stress to slow fatigue and reflective cracking.

Two inches was milled off of the existing pavement. Next, an intermediate course was placed and approximately 18,240 square yards of the paving fabric was installed quickly by a subcontractor. Finally, two inches of asphalt was placed over the Enviro.

The project engineer is so pleased with the installation and performance of Enviro that he has included PETROMAT Enviro in a fourth airport rehabilitation design.



PROBLEM

Gene Snyder Airport needed to rehabilitate its runway due to a range of cracking.



INSTALLATION

PETROMAT Enviro was selected to provide a sustainable solution to extend the life of the runway.



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 \$3-\$4 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

PETROMAT Enviro will mitigate future stress and moisture on the runway to help preserve pavements for smooth take-offs and landings.

INNOVATION TO BUILD ON™



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

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