

CASE STUDY

ARNOLD PALMER AIRPORT LATROBE, PA

PAVEMENT CRACKING



PROJECT SUMMARY

One of the taxiways at the Arnold Palmer Airport in Latrobe, PA was experiencing transverse and longitudinal cracking in the existing pavement. The airport needed a solution that would add more crown in the taxiway's pavement to ensure better drainage. PETROMAT® 4598 was chosen to reduce future pavement cracking and to serve as a moisture barrier beneath the asphalt overlay. The combination of improved road crowning and the Petromat moisture barrier will solve this airport's moisture infiltration problems. PETROMAT 4598 is a nonwoven polypropylene and recycled polyester geotextile that provides a moisture barrier and stress absorbing interlayer. 47,000 sq. yds. of PETROMAT 4598 was installed along the taxiway at the airport without disrupting flight schedules. The FAA inspector on site was pleased with the process.



PROBLEM Excessive cracking in existing pavement



SOLUTION PETROMAT® 4598 reduces cracking in pavement

FEATURES & BENEFITS

- Creates a stress-absorbing interlayer to slow the progress of reflective cracks
- Reduces need for additional maintenance
- AASHTO/NTPEP compliant
- Ease of installation reduces time and labor costs
- Provides maximum protection against moisture and cracking
- Doubles road service life



VISIT OUR WEBSITE FOR MORE INFORMATION, PRODUCT SAMPLES OR OTHER INQUIRIES OR CALL CUSTOMER SERVICE AT 1.800.621.1273



P.O. Box 19269
4019 Industry Dr.
Chattanooga, TN 37416 USA
PH: 800 621 1273
FAX: 423 899 5005
www.propexglobal.com