

CASE STUDY

FREEPORT PETROMAT PLUS-WHITE OVERLAY FREEPORT, PA

ASPHALT PAVEMENT OVERLAY



PROJECT SUMMARY

The City of Freeport needed to repair a busy downtown street due to excess cracking. The project was completed in September and temperatures averaged around 85° F. The contractor wanted a solution to hot weather interlayer placement which traditionally results in excessive bleed through of the asphalt cement tack coat, to the point of construction equipment tracking and dislodging the fabric. PETROMAT® Plus-White was chosen to provide the crack retardation and moisture barrier benefits while maintaining a cooler surface that would not promote tack coat bleed through. During the installation, the contractor took surface temperature readings of Petromat Plus-White and Petromat Original. Petromat Plus-White maintained surface temperature near ambient temperature. Petromat Plus-White at 88°F was approximately 30°F lower in temperature compared to Petromat Original's surface temperature of 119°F. The installation was a success and the installers commented on how the improved, cooler rolls were easier to handle than the traditional black.



PROBLEM Excess cracking on High Street in the City of Freeport needed to be addressed and fixed



SOLUTION PETROMAT® Plus-White remains at a cooler temperature while creating a stress-absorbing interlayer

FEATURES & BENEFITS

- Remains up to 50° F cooler than dark paving fabric at ambient temperature creating a safer work environment
- Minimizes tack oil bleed through and asphalt tracking, ensuring the correct amount of asphalt cement tack is used
- Prevents the time and cost of sanding to enable construction traffic without fabric damage
- Creates a stress-absorbing interlayer to slow the progress of reflective cracks
- Reduces need for additional maintenance



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