

CASE STUDY

PROJECT: COMMERCIAL PARKING LOT REHABILITATION

LOCATION: LEBANON, MO

APPLICATION: PARKING LOT PAVEMENT OVERLAY

Installation Contractor: Vance Brothers



PROBLEM

An aged parking lot in Lebanon, MO needed to be repaved due to excessive cracking and weathering. The contractor planned to mill the existing surface and then use a paving interlayer to prevent reflective cracking and water infiltration.

SOLUTION

After considering several paving fabrics and glass-based interlayers PETROMAT® Enviro™ was chosen because it is engineered with optimal elongation and can be placed directly on a milled surface without tearing, breaking, or the need for a leveling course.

INSTALLATION

Approximately 10,000 square yards of Enviro was installed across the milled parking lot surface, with no damage to the material. A two-inch asphalt overlay was then placed on top of the fabric.

PERFORMANCE

PETROMAT® Enviro moisture barrier will increase the bearing capacity of the support layers for this parking lot, to increase the structural capacity.

FEATURES & BENEFITS

Asphalt saturated PETROMAT Enviro provides the moisture barrier critical to parking lot performance. PETROMAT Enviro, is a patent-pending, paving fabric that easily mills into small pieces so that it can be recycled into new asphalt pavement.

- Engineered with optimal elongation to allow placement directly onto a milled surface
- Flexible design allows smooth, wrinkle-free installation even around curves
- Thicker design than most fiberglass-based paving mats; allowing greater stress absorption, to more efficiently retard or delay fatigue and reflective cracking
- Has a flexible design and maintains an uncompromised moisture barrier, even if cracking does occur in the pavement
- Provides 360 degree strength for multidirectional performance
- Engineered to be easily milled and recycled into new asphalt concrete



A commercial parking lot had excessive cracking and damage due to moisture and stress



PETROMAT® Enviro was selected because it can be installed directly onto a milled surface



10,700 square yards of Enviro was installed along the entire parking lot in one day



A two-inch asphalt overlay was installed on top of the Enviro fabric



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



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