JetBloc®

Technical brochure

JetBloc™

Premium fuel resistant coating for highly stressed pavements

The current range of bituminous fuel resistance membranes available are ineffective for airport use.

They wear very quickly under abrasive heavy vehicle traffic, show extensive surface cracking and can also be slippery when wet.

What is JetBloc?

JetBloc is a speciality fuel resistance coating developed to protect asphalt surfaced pavements from the combined actions of high stress loads and regular fuel contamination. This damaging combination of factors are commonly encountered on airport parking aprons.

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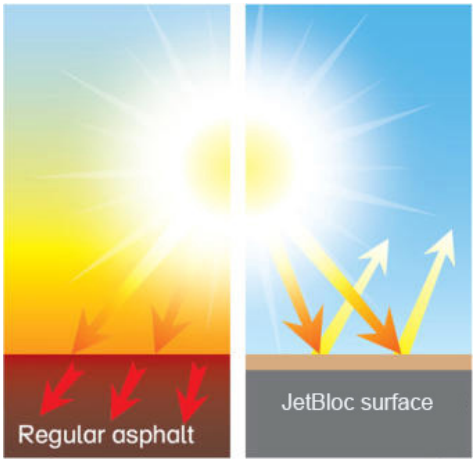
JetBloc™

What sets JetBloc apart?

Using JetBloc results in a superior fuel resistant surface that is not prone to abrasion, delamination or cracking, like many other standard asphalt surface treatments. By providing extra protection from solar radiation, JetBloc also effectively reduces the risk of temperature related distress in the underlying layer.

Benefits of JetBloc:

- Superior fuel resistance compared to other standard asphalt surface treatments
- Not prone to abrasion, delamination or cracking
- Protection from solar radiation reduces risk of temperature related distress in the asphalt.



When selected in a lighter colour, JetBloc achieves a 30 - 40% reduction in surface temperature over standard asphalt surfaces.

How JetBloc works?

JetBloc is a unique blend of epoxy modified and cementitious polymers. These combine to provide high resistance to fuel, wear and abrasion, as well as provide superior adhesion to the underlying asphalt layer. JetBloc is also extremely flexible, providing a crack resistant surface for high traffic and stressed pavements.

JetBloc is available in any colour desired. When a light colour is selected, the amount of solar energy absorbed by the pavement is minimised, achieving a reduction of 30-40% in the asphalt's service temperature. This results in a reduced risk of rutting and shoving during high temperatures and long duration loading under high tyre pressures.

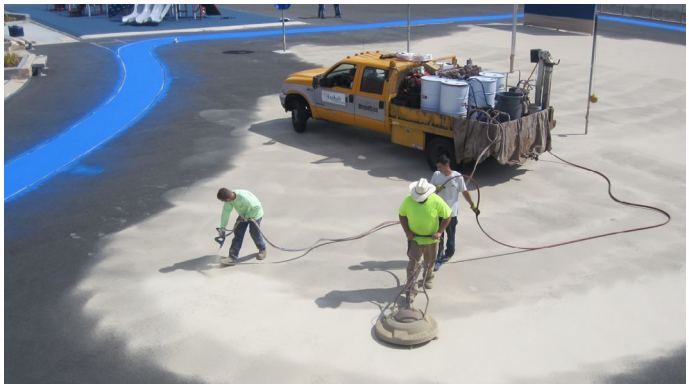
With only 4 hours curing time required, the JetBloc surface can be rapidly reopened to traffic. JetBloc is environmentally approved by the Environmental Protection Authority (EPA).

JetBloc is more cost effective than concrete or concrete block pavers and provides superior performance compared to conventional fuel resistant membranes for asphalt.

How to apply JetBloc?

JetBloc is applied in two even coats in transverse directions. As an emulsion based product, JetBloc has a shelf life of 3-6 months and should be stored between 10 and 40°C.

JetBloc offers superior fuel resistance compared to other standard asphalt surface treatments.



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For further information please email
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or contact your nearest Fulton Hogan office.
www.fultonhogan.com/contact_us