



Stress **Type B** Absorbing Membrane Interlayer

FiberMat® Type B uses the patented FiberDec process, a combination of special polymer-modified asphalt emulsion, chopped fiberglass strands and aggregate. This mixture acts as a highly resilient waterproof membrane that seals and effectively delays reflective cracking.

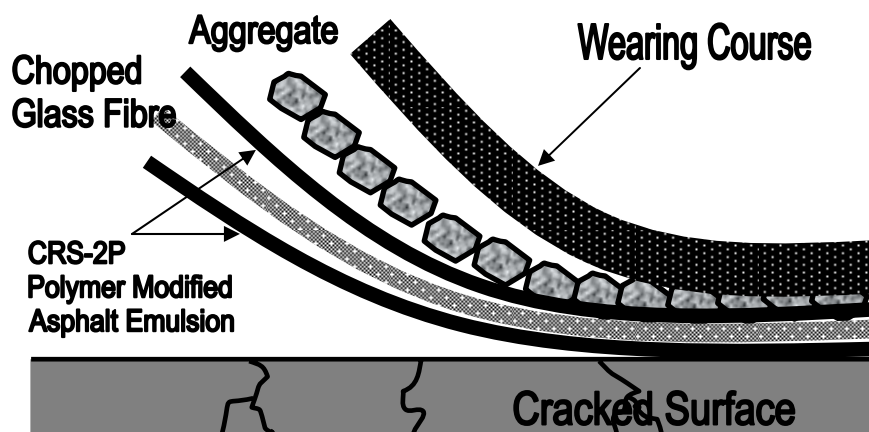
FiberMat® Type B is superior to other surface treatments as there are no adhesion problems and the membrane cannot gather or tear because it is sprayed in-place.

FiberMat® Type B is also faster to apply than conventional SAMI's. It can be opened to traffic within initial lay-down and the overlaying of the final wearing course; the latter may even be applied at later date.

FiberMat® Type B has sufficient tensile strength and flexibility to absorb movements in the pavement structure and can prevent the pavement from cracking. Where permanent lateral movement of the overlay might occur (due to cracks in the underlying material) **FiberMat® Type B** reduces the magnitude of the resulting strain in the overlay by spreading it over a greater area. While conventional SAMI's simply relieve stress, **FiberMat® Type B** acts like a cushion – its thickness absorbs stress, thereby acting as a true stress absorbing membrane.



APPLICATION



Specially developed patented machinery chops (60-90mm length) fiberglass strands in-place and sandwiches them between two layers of asphalt emulsion prior to the application of a light dressing of 6.35mm size aggregate, which is then rolled into the surface. The glass fibers are applied at a rate of 100-140g per m², depending on the severity of the cracking, with asphalt emulsion being applied in two simultaneous applications totaling 1.8 to 2.3 litres/m².



SAMI

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