Shell Cariphalte
Racetrack
Race proven high
performance bitumen
Shell Cariphalte Racetrack is a high performance modified bitumen specifically developed for use in asphalt mixtures on racing circuits. The high speed, temperature and torsional demands put on a racing circuit surface are extreme and Shell Cariphalte Racetrack has been developed to meet these demands. In this environment you need a bitumen that continually delivers winning results and Shell Cariphalte Racetrack has proven itself around the world on both Formula 1 and Moto GP racetracks.

A high performing bitumen

Shell Cariphalte Racetrack is a modified bitumen that has clear, high performance advantages over conventional binders. Drawing on global experience with race circuits, Shell Cariphalte Racetrack has:

• Increased resistance to fretting through surface shear stress
• Improved workability of asphalt mixtures at paving temperatures
• Increased stiffness modulus at in-service temperatures
• Improved resistance to surface deformation

A proven track record

The Shell name has had a strong connection with motorsport, through ongoing involvement with Ferrari, Ducati and V8 motor racing. Now Shell have another world class, race winning formula on the track.

Shell Cariphalte Racetrack has proven itself globally at some of the world’s leading racing circuits including:

• Formula 1 circuit Sepang, Malaysia,
• Formula 1 circuit Sakhir, Bahrain
• Formula 1 circuits Hockenheim and Nurburgring, Germany
• Ferrari’s test track, Fiorano Italy
• Formula 1 circuit, Singapore

The experience at Fiorano contributed directly to the selection of Shell Cariphalte Racetrack in Singapore.

The Singapore track presented a number of challenges including the variable climate and temperatures experienced and the dual purpose nature of the track - busy city road by day and Formula 1 track by night.

High speed applications

Shell Cariphalte Racetrack has unique characteristics that suit a range of specific practical applications. It is formulated for use in asphalt mixtures that are likely to be subjected to high shear stresses at the surface and is ideal for a range of motorsport racetracks including:

• Formula 1
• Sedan Racing
• Motor Bikes
• Go Karts
• NAS Cars
• Drag Cars
• Indy Cars
• Truck Racing

And of course being Shell Bitumen, you know that the product is backed by both a national supply network and local and global ongoing product development.

Delivering innovation to your advantage

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