

Shell Bitumen



SHELL CARIPHALTE RACETRACK

Race-proven high performance bitumen



Technical
Partner
Scuderia
Ferrari

SHELL CARIPHALTE RACETRACK

A WINNING FORMULA FOR THE TOUGHEST CONDITIONS

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 experience 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.





Technical Partner

 Scuderia Ferrari

A proven track record

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

Shell Cariphalte Racetrack has experience globally of 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 variable climate and temperatures and the dual purpose nature of the track – busy city road by day and Formula 1 track by night.

Drawing on this international success, Shell Bitumen has tailored the race proven formula specifically for Australian conditions.

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
- Motorbikes
- Go Karts
- NAS Cars
- Drag Cars
- Indy Cars
- Truck Racing.

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



Shell Bitumen

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