

HF surfacing reducing braking distance, threshold speed and skid resistance Designed to enhance, protect and improve road safety High Friction Surface Treatment



Antiskid at Work

Requirements:

In the year 2000 through to 2003 black spot funding commenced the incorporation of high friction 'non-skid' surfacing within the implementation of the roads safety program in Western Australia.

The requirement was to identify black spot 'non-skid' locations and install high friction surface treatments to reduce accidents. Twelve different sites were identified of which eight were treated with a calcined bauxite high friction surface.

Solution:

Omnigrip HF is a high friction veneer surfacing system comprised of thermosetting surface compound incorporating specialist high polished stone aggregates. It's designed to improve and maintain a high level of skid resistance on asphalt or concrete roads, highways and bridge pavements.

The product has proven road safety technology with excellent friction properties, reduces emergency braking distances, a reduction in threshold collision impact speeds and a proven accident reduction, which over the years has culminated in a safer road environment.

Skid resistant testing was carried out by the local authorities and significant improvements in the skid resistance of the high friction pavement surface were recorded.

Recommended application locations include:

- Intersection treatments
- Roundabouts
- School and pedestrian crossings
- Tight radius corners
- Black spot locations

Available in both modified epoxy or polyurethane formulated options OMNIGRIP HF is specifically designed to provide a durable, deep textured and high skid resistant finish for the design life of the product.

Product used:

OMNIGRIP HF

Project details:

Clients: Main Roads, Local Councils, Civil Road construction companies, Road Design consultants and Architects.

Product supplier: Omnicrete Pty Ltd

Contractor: Antiskid Industries