**CASE HISTORY** 

2015



# NEW ZEALAND ROADS ARE BEING MADE SAFER!

ENDURAGRIP is a high friction road surface treatment solution to improve road safety conditions at high accident areas, potential problem areas and to delineate bus and cycle lanes from other vehicle traffic.

A polyurethane adhesive binder, developed for asphalt surfaces to bond calcined bauxite or Synthite coloured reflective glass aggregate to asphalt road surfaces.

The ENDURAGRIP high friction system provides skid resistance, warning of approaching hazardous zones or delineation of cycle and bus lanes.

**ENDURAGRIP** high friction system is suitable for:

- Corners
- Roundabouts
- Motorway and highway on and off ramps
- Steep gradient descents
- Bus and cycle lanes
- Warehouse loading docks
- Pedestrian walkways



Apirana Ave, Glen Innes, Auckland Dominion Road, Mt Roskill, Auckland Barrington St, Spreydon, Christchurch Cavendish Drive, Manukau, Auckland White Swan Rd. Mt Roskill. Auckland Fanshawe Street, Auckland Fonterra, Bunnings & Laminex loading

Bays.

### **Products:**

Enduragrip PU adhesive binder Bauxite or Synthite coloured reflective glass

Resin Surfaces Ltd, Polymer Group Contracting, Applicators: **Bay Protective Coatings** 





## **ENDURAGRIP High Friction Surfaces**

Surface treatment completed on a section of road on an unexpectedly tight corner on the dominion road extension in Auckland.

The job involved a total of 800 m<sup>2</sup> of bauxite skid resistance, and two red Vistagrip patches, as shown to alert drivers to the upcoming hazardous corner.

Resin Surfaces Ltd did the entire job in one day, minimizing disruption to the residents and the travelling public. The work was done by ARMA West Maintenance Alliance.

SLOW

Dominion Road, Auckland

### **ENDURAGRIP High Friction Surface Benefits**

- 1. Durable—As for other resin surfacing, 5-10 years under trafficking.
- 2. Dirt Resistant—the aggregate being spherical beads, resists soiling and cleans easily.
- 3. Available in Deep, Rich colours—The beads not being completely opaque, allow a depth to the colouration.
- 4. Retro-reflective—Glows with colour when the light source is behind the observer.
- 5. Slip resistant—Slip coefficient of 50-78 (minimum requirement is 40).

**ENDURAGRIP CS** is also available for concrete surfaces.



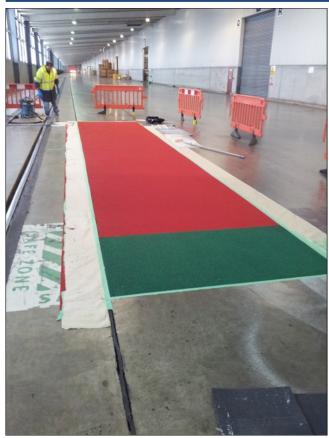
## **ENDURAGRIP High Friction Surfaces**

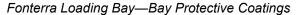
A section of Cavendish Drive in Auckland with broken green cycle lane as part of the new SH20 extension in Manukau. The green reflective surface delineates cycle traffic from other vehicles and the sparkly aggregate provides a high friction surface.

This work was undertaken by Resin Surfaces Ltd for Ross Road Markers.

Cavendish Drive, Auckland









Bunnings Loading Dock



Laminex Loading Bay







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SOLUTIONS FOR EXTREME ENVIRONMENTS

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- Rhino Linings® Polyurethane Coatings
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- Stirling Lloyd® Bridge Deck Waterproofing Systems