



# Ultra Mender

Ultra Mender is an extremely tough and versatile polymeric binder, perfect for repair of common pavement and surface defects associated with maintaining your road network.

Standard pavement repair techniques often don't last very long. This results in repeated and regular repairs, culminating in significantly larger, more expensive and time consuming repairs being required. The Ultra Mender system has been developed to adapt to the varying defects encountered in your road network allowing you to treat the issue before it becomes a serious problem.

Ultra Mender's versatility is achieved through advanced polymer technology which allows it to be applied at ambient temperature before curing in minutes to form a strong plastic-like material. This allows it to be used as either a hard-wearing sealant or mixed with local aggregates to form robust and long lasting patch repairs.

Helps to resolve these problems:



POT HOLES



CRACKING



RAVELLING



RUTTING



WATER PROOFING

## Benefits:

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- Prolongs life of weak pavements
- Extremely easy to use
- Avoid repeat repairs
- Excellent rut and crack resistance
- Three times stronger than asphalt
- Cold applied
- Sets in minutes
- Versatile

## Habitat



Residential



Motorway



Roundabouts Intersections



Port



Airport



Industrial



Rural

## Application of Ultra Mender

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Ultra Mender has been designed as a means to efficiently repair surface defects in order to maintain the operational requirements of your road network. Ultra Mender has been successful in the repair of:

- Both chip seal and asphalt pavements
- Heavy Industrial areas
- Airport runways and taxiways

## Where would you use Ultra Mender?

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Ultra Mender can be used to repair the following:

- Potholes
- Deformations
- Edge break
- Fatigue cracking

**For more information about Ultra Mender (including a how to video) see iDowner - search Ultra Mender**

Properties:



## Innovation is at the heart of everything we do...

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Road Science asphalt products utilise Road Science bituminous binders. Road Science is New Zealand's leading designer and supplier of advanced bituminous products, manufactured and supplied from state-of-the-art facilities throughout New Zealand.

Road Science's commitment to research and development means that asphalt products are designed using the most up to date testing equipment available in New Zealand.

The Road Science Pavement Design Team provide innovative, specialised pavement design solutions for all civil projects. This group of specialist people are committed to providing cost effective solutions for whole-of-life project value.

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