

S L U T I O N S

PROJECT:

*Mercer St., Geelong
Manhole Lid Repairs*

OWNER: *Geelong, Victoria Australia*
YEAR: *June-July 2012*



The Details

PROJECT CONTRACTOR:

Geelong Waterproofing / Mr. Manholes

PROJECT ENGINEER:

Barwon Water Board

MARKET/ENVIRONMENT:

Infrastructure

SUBSTRATE:

Concrete

PRODUCT USED:

Five Star® Highway Patch

SIZE OF PROJECT:

900 bags of Five Star® Highway Patch were required

The Challenge — Repair manhole lids rapidly so that traffic can move over the repair in 3 hours. A fast setting cement repair material was needed.

The Solution — Five Star® Highway Patch was chosen because it meets that fast setting requirement. Open to traffic in 2 hours, this hydraulic cement repair material is ideal for horizontal repairs of concrete in traffic areas.

The repair material was mixed on site in a pan mixer incorporating 12mm aggregate into the mix. The old lid was cut out and a new cover was poured well with the 3-hour time frame.

Five Star® Highway Patch also provides resistance to oil, grease, gasoline, salts and other chemicals found in the transportation environment.



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HIGHWAY PATCH

Fast Traffic Area Repair

PRODUCT DESCRIPTION

Five Star® Highway Patch is a one component, fast setting hydraulic cement material ideal for horizontal repairs of concrete in traffic areas. Five Star® Highway Patch provides resistance to oil, grease, gasoline, salts and other chemicals found in the transportation environment.

ADVANTAGES

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|--|---|--|
| <ul style="list-style-type: none">• High early strength• One component/ease of use• Open to traffic in two hours | <ul style="list-style-type: none">• Freeze/thaw resistance• Resistant to salts | <ul style="list-style-type: none">• Cold weather installation• Coarse aggregate extension |
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USES

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| <ul style="list-style-type: none">• Highways and bridges• Parking decks and ramps | <ul style="list-style-type: none">• Airport runways and taxiways• Expansion joint rebuild | <ul style="list-style-type: none">• Dowel bar retrofit• Cold weather repairs |
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FIVE STAR® SERVICES

- Design-A-Spec™ engineering specification assistance
- Technical on-call center with field and project experienced staff
- Field support representatives for on-site consultation
- Corporate research laboratory available to customize products for unique applications



For worldwide availability, additional product information and technical support, contact your local Five Star® licensee, distributor, local sales representative, or you may call the Five Star Products' Engineering and Technical Service Center at 1-800-243-2206 (from the U.S.) or +1 203-336-7900 (outside the U.S.).



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