



Telephone: (03) 9794 6454

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Web: [www.roadmaintenance.com.au](http://www.roadmaintenance.com.au)

## **MAXI-SEAL CRACK SEALANT**

MAXI-SEAL is a highly advanced Australian made bitumen crack sealant based upon the innovative selection of premium polymers and recycled crumb rubber, scientifically formulated so that the product is optimised for use on Australian roads under Australian conditions. The material offers excellent adhesion and performance properties for use on all asphalt and concrete pavements. MAXI-SEAL is designed to withstand both the high and low pavement temperatures (from -15°C to + 72°C) that are typical to our Australian climate. This product will not bleed through after re-surfacing and can be trafficked within 3-5 minutes of application.

### **FEATURES**

- . UV and temperature resistant, will remain tough, elastic and resilient on the hottest days,
- . Excellent flexibility and long life, moves with the expansion and contraction of normal cracks.
- . Quick curing allowing all traffic on sealed cracks in less than 5 minutes.
- . Self-healing material.

### **CRACK PREPARATION**

Areas for sealing shall be dry, clean and free of dust, scale and grit. This is achieved by blowing the crack out with compressed air, cleaning it of weeds (by chipping) and where necessary heating the crack with a mild gas flame (if it is very wet). Areas that are concrete based will be primed using a suitable primer which will be applied to the sides of the crack using a brush or spray gun. Once the primer is dry (takes about 30mins) sealing of the "concrete" crack may commence.

### **HEATING**

The product is heated and melted with our innovative, gentle but highly efficient hot-oil based heating system and is heated to a maximum temperature of 195°. This gentle and controlled hot-oil process for crack-sealing trucks was invented by Road Maintenance P/L and it increases the working life of the product in the truck by many weeks when compared to crack-sealants heated by gas flame. The innovative Road Maintenance heating system is so quiet and safe that we are uniquely approved to use it on days of total fire ban.

### **SKID RESISTANCE**

In specialised Australian testing against other crack-sealants, Maxi-Seal came out on top as the leading crack-sealer for skid resistance; Maxi-seal contributed high skid resistance values. The recommendation from that testing stated that due to the success of Maxi-Seal "*The blinding of crack sealant with aggregate is not required*". Thus indicating once more that Maxi-Seal is a world leader with premium crack-sealant properties. Inherent within Maxi-Seal we have specifically designed it so that it contributes the highest level of skid resistance (when compared to all other crack sealants) to the newly crack sealed road.

### **PACKAGING**

MAXI-SEAL is available in 22kg cardboard cartons. A standard pallet is 36 cartons.



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MAXI-SEAL is manufactured at our bitumen rubber modification plant located at Dandenong in Victoria. We took this path in investing in the plant because it is important to us that we employ Australians in the production of the crack-sealant as well as the application of the product. We were the first to develop the exciting elastomeric, quick cure and long life benefits of rubber and polymer combined in Roadpave bitumen and we have maintained this world first “optimised rubber” technology for the Maxi-Seal crack-sealant. Further to this we were the first to design an easy to transport non-adhesive 22 kg bitumen box, which we patented in 2001.

Our website [www.roadmaintenance.com.au](http://www.roadmaintenance.com.au) (under the tab Crack-Sealing history) outlines the many significant scientific innovations we have made in crack-sealing since 1974, along with the design and manufacture of WorkSafe approved and certified oil heated trucks to replace ancient and unreliable gas heating.

**TECHNICAL INNOVATION AND PRODUCT PROPERTIES**

Road Maintenance Pty Ltd offers high quality technical services based on over 40 years' experience in this area which allows us to advise on all crack-sealing works. Contact our head office in Melbourne for any enquiries on; ph. (03) 9794 6454, fax. (03) 9794 6878 or email [info@roadmaintenance.com.au](mailto:info@roadmaintenance.com.au).

**Technical Data**

COLOR	Black
FORM	Solid
SPECIFIC GRAVITY	1.04
SOFTENING POINT	105°C minimum (RBSP)
TORSIONAL RECOVERY	50% minimum
VISCOSITY@ 200°C	2.8 Pas maximum
APPLICATION TEMPERATURE	180°C – 195°C
TEMPERATURE RANGE	-15°C to +72°C
CURING TIME	2-5 minutes
SHELF LIFE	Unlimited