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 SEPTEMBER 2025
 (Supersedes October 2022)

CR-90 STATE

Crack Filler

DESCRIPTION

CR-90 STATE crack filler is an economical, single-component, hot-applied sealant for use in sealing cracks and joints in asphalt pavements. It is composed of asphalt and granulated tire rubber as specified by TxDOT. CR-90 STATE has been specifically developed for TxDOT Pavement Maintenance Crack Sealing.

USES

CR-90 STATE is primarily designed for the sealing of cracks in asphaltic pavements.

FEATURES/BENEFITS

- Economical.
- Single-component.
- Low density.
- High coverage.
- Fast cure time.
- High temperature resistance.

PACKAGING

30 lb. (13.6 Kg) Box

COVERAGE

Cracks or joints 1/2" wide x 1/2" deep require approximately 12.73 lb./100 lineal feet.

SPECIFICATIONS/STANDARDS

- TxDOT Rubber-Asphalt Crack Sealer Class A

TECHNICAL DATA

| TxDOT Test No. | Test Name | Min. | Max. | CR-90 STATE Result |
|----------------|-----------------------------------|--------|--------|--------------------|
| Tex 544-C | Crumb Rubber Modifier Content | 22% | 26% | 24.21% |
| Tex 502-C | Cone Penetration at 77° F | 30 dmm | 50 dmm | 50 dmm |
| Tex 502-C | Cone Penetration at 32° F | 12 dmm | | 15 dmm |
| Tex 504-C | Flash Point by Cleveland Open Cup | 400° F | | 605° F |

VOC Content: 0 g/L

APPLICATION

Melting ... CR-90 STATE must be heated to 370° - 400° F in an oil-jacketed melter-applicator equipped with a pump and wand. The melter should also have an agitator and separate temperature thermometers for the oil bath and heating vat. Material may be added as sealant is drawn off. Small amounts of material remaining in the kettle may be reheated.

Surface and Joint Preparation ... The joints and cracks to be sealed must be clean and dry. Dust, dirt, and laitance should be removed immediately preceding the sealing operation. CERA-ROD™ heat-resistant backer rod from W. R. MEADOWS may be installed in large cracks to control depth and sealant usage, if necessary.

Asphalt Pavement and Maintenance Sealing ...

For ideal sealing with maximum effectiveness, it is suggested that cracks or joints be routed out to provide a sealant reservoir 1/2" to a maximum 1 1/2" wide with a minimum depth being 1/2". An approximate 1:1 - 2:1 width-to-depth ratio should be achieved. To control and maintain the suggested joint depth and sealant usage, CERA-ROD heat-resistant backer rod may be installed in the joint/crack opening.

CONTINUED ON THE REVERSE SIDE...

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Sealant Application ... Before sealant application, procedures under Surface and Joint Preparation section should be followed.

This material shows moderate viscosity at application temperatures. The sealant should be applied into the crack/joint, slightly overfilling. Once applied, a follow-up should be done with a soft rubber, U-shaped squeegee to form a wipe zone of approximately 3 - 4" wide along the crack/joint and flush with the highway or pavement surface.

PRECAUTIONS

Service life at recommended temperatures is approximately 12 - 15 hours. Application life may be extended by adding fresh material as sealant is applied and the quantity in the kettle decreases. Repeated reheating may result in material degradation or gelling in the melter. If this occurs, remove the sealant immediately from the kettle and discard.

HEALTH AND SAFETY

Direct contact with heated product should be avoided. The use of safety glasses, chemical-resistant gloves, and protective clothing is recommended. Breathing of fumes/vapors should also be avoided. Use of NIOSH-approved vapor/mist respirator is recommended. Refer to Safety Data Sheet for complete health and safety information.

For sustainability information and SDS, visit www.wrmeadows.com.



W. R. MEADOWS®

**Prevent.
Protect.
Preserve.**



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

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