

P & T PRODUCTS, INC.

NEWSLETTER

WELCOME

Welcome to the first issue of the P & T Products, Inc. newsletter. In an effort to keep our loyal users of Dura-Fill crack sealants up to date on company, product, and industry information, P & T Products will be providing a quarterly newsletter.



Feel free to provide us feedback or let us know what topics you would like to see covered in this newsletter.

This year, we are providing a four part article on Identifying Common Crack Sealant Challenges because job site problems are critical issues to address.

IDENTIFYING COMMON CRACK SEALANT CHALLENGES

Adhesion Failure – Sealant not adhering to sides or bottom of the crack. “Pull-Ons” may occur when the sealant is pulled out of the crack by tire action.

Cause	Solution
Crack was not clean	Clean using compressed air or heat lance. Clean all vegetation and incompressibles from the crack. Ensure the crack is dry prior to application
Surface was wet	Allow to dry or use a heat lance
Low Sealant Application Temperature	Verify temperature gauges on melter, heat to correct temperature
Cold Ambient Temperature	Allow temperature to rise, use a heat lance. Not only do you risk adhesion failure in cold temperature application but often too much sealant is used because cracks are opened all the way and when the climate warms, the sealant is pushed out of the crack as they close and “snakes” appear on the pavement

HOT POUR CRACK SEALANT APPLICATION TIPS

To ensure effective crack sealing, follow these tips from the Federal Highway Administration’s Crack Seal Application Check List:

- Follow the manufacturer’s application temperature requirements.
- Agitate the material for uniformity.
- If melter is equipped with a heated hose, heat the hose to operating temperature prior to beginning sealant application.
- If melter does NOT have a heated hose, verify the hose is unplugged and clear before beginning sealant application.
- During idle periods, recirculate material through the hose into the material vat to maintain heat temperature.
- Check sealant temperature periodically.
- Keep melting vat at least 1/3 full for material uniformity.
- Fill cracks and channels from the bottom up.
- Center sealant overband over the crack.
- Reapply sealant to low areas where sealant settled or too little was initially applied.
- Apply 10 feet of crack sealant; allow to cool than check adhesion before continuing.