

P&T Products, Inc.

Direct-Fire-Kettle
Quicker-Jobsite

DURA-SHELL

Patent Pending

Rugged-Packaging
Easy-to-HANDLE
Harder When It's Hot Outside

Water-Tight

Oil-Jacketed-Equipment

Cleaner-Jobsite

High-Softening-Point



DURA-SHELL

DURA-SHELL is the new generation of meltable hot pour crack sealant containers

DURA-SHELL provides added benefits to crack sealant performance

Less initial surface tack

Higher softening point

Harder throughout all ambient temperature ranges

DURA-SHELL is a rugged package. It is water tight and UV resistant so it can be stored outside. It can be tossed in the back of a truck without fear of damage. DURA-SHELL has a handle to make it easy to carry and lift into melting equipment.

Meltable packaging offers crack sealant applicators quicker and cleaner jobsites. No more rounding up empty boxes at the job site to take them back to the shop to recycle. There is no longer the struggle to remove the crack sealant from the cardboard box. DURA-SHELL has a convenient handle for carrying and lifting the sealant.

DURA-SHELL is patent pending.
Contact P&T Products for a distributor.

P&T Products, Inc.

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DURA-SHELL FAQ'S

- ◆ **What is DURA-SHELL?** DURA-SHELL is a patent pending polymer based outer shell for asphalt based materials.
- ◆ **Why will distributors + applicators love DURA-SHELL more than other meltable containers?** DURA-SHELL is a rugged package. It is water tight and UV resistant therefore it can be stored outside. (Caution must be taken to ensure that the package is completely dry prior to introducing it to heating equipment.) It can be tossed in the back of a truck without fear of damage. DURA-SHELL has a handle to make it easy to carry and lift into melting equipment.
- ◆ **How will DURA-SHELL improve the crack sealant properties?** DURA-SHELL will improve the performance of crack sealant. It will lessen the initial surface tack allowing pavement to be opened to traffic or seal-coated sooner. When compared to traditional sealants, the DURA-SHELL line of crack sealants has a higher softening point and remains harder at elevated temperatures. These factors improve the lifespan of crack sealant on roads, parking lots, and driveways.
- ◆ **Is this just a crack sealant in a bucket?** Not just any “bucket” will work. P&T Products entertained many manufacturers and polymer compounds. DURA-SHELL is a delicate match between the packaging polymers and the crack sealant chemistry. Upon melting, the polymer compounds of the DURA-SHELL package unite with the polymer matrix of the crack sealant to form a premium crack sealant.
- ◆ **Is the whole package meltable? Is it going to damage my equipment?** The unit, lid, handle, and label all go into the crack filling equipment together. We have melted DURA-SHELL in different brands of heating kettles both direct fired & oil jacketed. Immediately after it is introduced to heat, the DURA-SHELL packaging becomes soft and pliable and begins to melt. Agitation systems work equally as well with DURA-SHELL as they do with traditionally packaged crack sealants.
- ◆ **Is this going to increase the melt times of the material?** There is no ASTM test to measure melt times. Materials with higher softening points will logically take slightly more time to melt. But this is not your traditional crack sealant. We found in all our research and tests decks that the DURA-SHELL package melts before the crack sealant is completely liquid. So the melt times are not increased by DURA-SHELL packaging.
- ◆ **Do we need to wait until everything is 100% melted? How do we add fresh sealant to the kettle?** Begin your sealing operation at the time you normally would using traditional crack sealant. Once there is an adequate amount of liquid material, enough that you do not run out once your job has started, you may begin sealing the cracks. Fresh sealant may be added as you normally would with traditional crack sealants.

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