



# Trumbull® PERMAMOP®

## Low-Odor, Low-Fuming, Low-Temperature Asphalt



### PRODUCT SPECIFICATION SHEET

#### LOW TEMPERATURE APPLICATION ASPHALT

With PermaMop® modified asphalt, you get the performance of a Type IV asphalt with the application temperatures similar to a Type II asphalt. What this means is that you can lower the kettle temperatures required to reach PermaMop EVT's or application temperatures which can be as much as 75°F lower than conventional Type IV products.

- Lower temperature application asphalts also reduce the amount of fumes and odor emitted while reducing the chance of overheating or even fallback.
- When combined with our Low Odor (Odor Neutralizers) and Low Fuming (Polymer skim layer) technologies, you get a high performance user friendly asphalt product with much less odor and fumes.

#### TESTING SHOWS:

- Recommended EVT's that are typically 75°F lower than Type IV asphalts.
- Low Odor: Patented technology neutralizes asphalt odor without impacting performance
- Low Fumes: Polymer ingredient forms a fume-suppressing skim layer on the asphalt surface reducing up to 90% of the fumes at the kettle.

#### WEATHERING PERFORMANCE

- The ASTM D4798 Accelerated Weathering Test Method measures how much wear and tear asphalt can take by subjecting it to the same cycles of sunlight, temperature extremes, oxidation and water runoff. Most asphalts survive about 70 to 120 cycles but PermaMop modified asphalt often exceeds 193 cycles. This means that PermaMop modified asphalt weathers up to twice as long as conventional asphalts.

#### LOW AND STEEP SLOPE APPLICATIONS

- With PermaMop, you get the advantage of a softening point of a Type IV asphalt, which resists flowing and stays where it's applied. This makes PermaMop a great choice on most low slope commercial applications.

#### ADHESIVE PROPERTIES

Often referred to as a hot melt or thermoplastic adhesive, asphalt has many performance characteristics that make it an outstanding adhesive. From its self leveling capabilities to its excellent adhesion and moisture resistance properties, asphalt can be used as an adhesive for numerous application(s) and has a low installed cost compared to other options.

#### ONE PRODUCT FOR MULTIPLE APPLICATIONS

Combining the best performance characteristics of various asphalt types into one. PermaMop can be used for the construction of Built Up Roofing systems, as high performance, weathering surface or for adhesive applications including insulations and fleece backed membranes. It's the high performance asphalt that works at lower application temperatures assuring less odor and fumes without compromising performance.

#### PHYSICAL PROPERTIES FOR PERMAMOP® ASPHALT

	TYPE III Min. Max.		TYPE IV Min. Max.		PermaMop® Min. Max.	
Softening Point (°F)	185	205	210	225	210	235
Penetration Units: @ 77°F	15	30	12	25	12	30
Flash Point (°F) Min.	575		575		500	
Ductility @ 77°F (cm) Min.	2.5		1.5		3.0	
Solubility in Trichloroethylene %	99.0		99.0		95.0	
Maximum Application Temperature for Hand Mopping EVT 125° CPS	430		455		380	
Maximum Application Temperature for Machine Spreader EVT 75° CPS	470		485		410	

NOTE: PermaMop meets or exceeds ASTM D312-15 (except solubility).

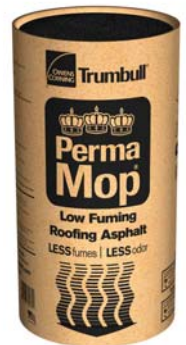
#### PRECAUTIONS

- Follow all Safety practices recommended by the National Roofing Contractors Association (NRCA) for working with hot asphalt materials
- Refer to the Safety Data Sheet (SDS) for further information.
- Additional batch specific EVT & Flashpoint information can be obtained from the Product Information Sheet (PIS) that accompanies the asphalt.
- To control explosion hazards and fume exposure and maintain quality it is very important not to overheat the asphalt. **The maximum kettle temperature used with this product should not exceed 475°F.**

**LOW  
ODOR**

**LOW  
FUME**

**LOW  
TEMP**



[www.trumbullasphalt.com](http://www.trumbullasphalt.com)



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