



**Standard Type I - IV Asphalts**

A higher standard.



There's nothing ordinary about Trumbull standard built-up roofing asphalts. Like every asphalt we make, our standard Types I – IV asphalts meet or exceed ASTM standards in every category.

We exceed ASTM minimum softening points to minimize the risk of slippage and reduce "fallback." We use high flashpoint raw materials to provide added safety. We also widen the spread between equiviscous temperature (EVT) and flashpoint to support application, adhesion and waterproofing.

And to make sure our products are consistently reaching those standards, we test not once, but twice. First they're tested at our on-site plant laboratories then again at our Summit, Illinois, Technological Laboratory – one of a select few certified by the AASHTO (American Association of State Highway Testing Officials.)

Enhancing the capabilities of asphalt to better address your needs. We call it Applied Innovation™. You know it as Trumbull quality. The highest standard in the built-up roofing asphalt industry.



All products meet ASTM D312	Each shipment meets or exceeds the physical requirements of the specified roofing grade asphalt
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Consistent high flash material	Proper temperature range needed to apply product safely at the EVT; flash points typically 50°F to 75°F higher than the 500°F minimum
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Testing in each plant and at Summit, IL	All Owens Corning Trumbull products are assured to meet ASTM requirements
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laboratory

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19 producing plants      Convenient, accessible availability from coast to coast

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EVT shown on each carton and bill of lading for bulk shipments      Assures proper adhesion, waterproofing and application rate

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Printed cartons      Clearly identifies manufacturers, type, flash point, EVT, production location and production date

Physical Requirements – ASTM D312–00

Softening Point (°F)      135    151    158    176    185    205    210    225    ASTM D36

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Flash Point (°F)      500    –    500    –    500    –    500    –    ASTM D92

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Penetration, Units, dmm:

@32°F      3    –    6    –    6    –    6    –    ASTM D5

@77°F      18    60    18    40    15    35    12    25

@115°F      90    180    –    100    –    90    –    75

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Ductility @77°F, cm      10.0    –    3.0    –    2.5    –    1.5    –    ASTM D113

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Solubility in Trichoroethylene %      99    –    99    –    99    –    99    –    ASTM D2042

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Asphalts shall be homogenous and free of water and shall conform to these physical properties

Typical Physical Characteristics for Trumbull Asphalt

Softening Point (°F)      140–145    165–175    195–205    210–225

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Flash Point (°F)	525	525	525	525
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Penetration, Units, dmm:				
@32°F	6	8	6	6
@77°F	20–35	18–30	16–24	13–22
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Ductility @77°F, cm	13	4.0	3.0	2.0
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Solubility in Trichloroethylene %	99.8	99.8	99.8	99.8
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Typical Application Temperature				
For Hand Mopping				
EVT @ 125 CPS +/- 25°F	350	375	410	440
For Machine Spreader				
EVT @ 75 CPS +/- 25°F	370	395	430	460
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