



USP® MODIFIED ASPHALT 150

Product Data Sheet

Description: USP® Modified Asphalt 150 is made from 100% American made asphalt which is blended with select resins to enhance elongation and recovery. This combination makes it the most ideal choice for use as a hot roofing adhesive to bond insulation, built up felts and modified bitumen membranes.

Approvals: Meets or exceeds the requirements of ASTM D 312-00. Contact U.S. Ply, Inc. for specific/applicable codes.

Application: USP® Modified Asphalt 150 the temperature at the point of application shall be the EVT ± 25°F or 425°F, whichever is greater. If EVT temperature at the point of application cannot be maintained due to cold, wind conditions, or delays, stop application. The application rate of inter-ply asphalt and flood coat shall be determined by the applicable system specification of U.S. Ply, Inc.

Heating Instructions: USP® Modified Asphalt 150 shall not be heated closer than 35°F of the materials flash point as noted on the factory package. To minimize “fallback,” maintain the liquid asphalt at the lowest possible temperature for the shortest possible time prior to use. Guidelines for this are as follows:

- Product shall not be held at temperatures exceeding 475°F for periods longer than four hours.
- Always check individual package labeling which may differ slightly from the typical data reported below.

Product Data: USP® MODIFIED ASPHALT 150 (typical)

ASTM D312-95 PHYSICAL PROPERTIES	TYPE III	
	Min	Max
Softening point (°F) (D36)	185	205
Flash point (°F) (D92)	515	550
Penetration, units (D5) @ 75°F	12	25
Ductility, @ 77°F (D113)	25	
Elongation, @ 77°F (D412)	150%	
Recovery from elongation (D412)	25%	
Solubility in trichloroethylene (D2042)	99%	---
Hand Mopping BUR EVT @125 CPS +/- 25°F)	425	
SBS EVT @125 CPS	425 - 435	
Mechanical Spreader EVT @ 75 CPS +/- 25°F)	435	

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by “in-house” and independent “third party” evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer’s representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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