



Atlas Minerals & Chemicals, Inc.



DATA SHEET

AM-211 / AM-210 (4-00)
Supersedes AM-211 / AM-210 (10-99)

WATERPROOFING ASPHALT WA-1 (AM-211) AND WM-1 (AM-210)

DESCRIPTION

WATERPROOFING ASPHALT WA-1 and WM-1 are hot applied, waterproofing, one component products that meet the specifications of the Pennsylvania Department of Transportation (PENNDOT).

The asphalt cement shall not be heated in excess of 400°C (204°F) and shall be agitated while heating to prevent localized overheating.

CUTBACK ASPHALT PRIMER WP-1 is a one-component primer that also meets the specifications of the PENNDOT.

The specifications for these products are:

Test Method	WA-1	WM-1	Test	WP-1
Flash Point	350°F minimum	400°F minimum	Water	0% maximum
Softening Point	115°F to 145°F	145°F to 171°F	Furol Visc @ 25°C	25 to 150 seconds
Penetration @ 39°F	—	12 dmm. minimum	Solubility in TCE	99% minimum
Penetration @ 77°F	50 to 100 dmm.	25 to 50 dmm.	Distillation (% by vol.) 0 - 225°C (437°F)	35% minimum
Penetration @ 115°F	—	115 dmm. maximum		
Ductility @ 60°F	50 cm. minimum	—	77 Pen on Residue After Distillation	20 to 50 dmm.
Ductility @ 77°F	—	15 cm. minimum		
Water Content	None	None		
Solubility in TCE	99% minimum	99% minimum		
Loss on Heating*	2% maximum	1% maximum		
Retained Penetration*	60% of original	60% of original		

*50-gram sample heated for five (5) hours at 325°F

PACKAGING

	<u>WA-1</u>	<u>WM-1</u>
Fibre Carton	Approx. 100 lb. (45.4 kg.)	Approx. 100 lb. (45.4 kg.)
55-gallon Metal Drum	Approx. 420 lb. (190.5 kg.)	Approx. 420 lb. (190.5 kg.)
WP-1 (5-gal. pail) – 35 lb. (15.9 kg.)		
WP-1 (55-gal. drum) – 350 lb. (158.6 kg.)		

WARRANTY

ATLAS warrants that its products will be free from defects in workmanship and materials under normal use for a period of one (1) year from the date of shipment by ATLAS (provided the products are installed before the expiration of the shelf life). THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR THE PURPOSE FOR THIS PRODUCT WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ATLAS' LIABILITY FOR ALLEGED BREACH OF THIS WARRANTY SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT (BUT NOT INCLUDING REMOVAL OF THE DEFECTIVE PRODUCT OR INSTALLATION OF REPLACEMENT PRODUCTS). ATLAS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES DURING THE WARRANTY PERIOD OR THEREAFTER. **ATLAS' WARRANTY IS VOIDED IF PAYMENT FOR PRODUCT IS NOT RECEIVED IN FULL.**

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