

nyco[®] ASPHALT ROOF COATING ASBESTOS FREE

NYCO SUPPLIES PREMIUM
QUALITY WOLLASTONITE
TO THE WORLD

NYCO is not only the foremost supplier
of wollastonite in the world,
we are also the first...

Since our pioneering plant at Willsboro,
New York opened in 1953, to our most
recent development of a world class
deposit in the Sonora desert of Mexico,
NYCO has led the world in its growing
acceptance of wollastonite.

- highest quality ores
- state of the art processing
- world class treatment facilities
- market leading reliability
& technical service
- 100's of years of reserves

This data contains general information and describes
typical properties only. It is offered for use by
persons qualified to determine for themselves the
suitability of our products for particular purposes.
No guarantee is made or liability assumed, the
application of this data and the products described
herein being at the sole risk of the user.

ASTM D4479, TYPE I

FORMULATION, WT%

ORDER OF ADDITION

Asphalt Cutback** Gelling Surfactant, PA 14 Acetate <i>Mix 2-5 minutes - slow speed*</i>	50.0 0.5
Gelling Clay, Attagel #36 <i>Mix 5 minutes - medium speed*</i>	4.0
Asphalt Cutback <i>Mix 2 minutes - medium speed*</i>	29.5
Cellulose Fiber, CG 31000 NYAD G [®] Wollastonite Mica 4x <i>Mix 10 minutes - medium speed*</i>	1.0 9.3 5.7
* Mixer - 1 gallon, laboratory, Hobart paddle mixer. ** Alternate method - add all asphalt cutback as the first ingredient.	

TYPICAL COMPOSITION PROPERTIES

	REQUIREMENTS	
Gelling Clay/Gelling Surfactant	8/1	Not Applicable
Non-Volatile Matter, %	76.8	50 min. (ASTM D4479)
Volatile Organic Content (VOC), %	23.2	300gm/1 (OSHA, Selected States)
Mineral or Other Stabilizers, or both, %	19.0	5 - 20 min. (ASTM D4479)
Asphalt, %	55.6	40 min.

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TYPICAL ASPHALT CUTBACK PROPERTIES

Cutback Solids, %	70
Asphalt Viscosity @ 140°F, P @ 275°F, cSt	1000 - 1400 210 min.
Asphalt Penetration @ 77°F, dmm	40 min.
Cutback Viscosity Stormer seconds (paddle + 100 gm @ 77°F)	66
Petroleum Distillate	Non-Rule 66 Mineral Spirits



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For detailed information on NYAD G®
Wollastonite please contact
NYCO Minerals, Inc.
(an ISO 9002 certified facility).

HEALTH & SAFETY STATEMENT: Wollastonite is a naturally occurring, non-hazardous mineral. The benign health aspect of wollastonite provides a compelling reason for its use in place of other industrial minerals and fibers.

PERFORMANCE PROPERTIES

UNIFORMITY	ASTM D4479, TYPE I	
Mixability/Stirback @ 72 hours @ 1 month	Easy Moderate	Moderate N/A
Solvent Separation @ 72 hours @ 1 month	None None	Moderate Stirring N/A
CONSISTENCY		
Application	Spray, squeegee, brush, roller	Same
Stormer Viscosity, @ 77°F, sec./ 100 revolutions (propeller rotor + 450 gms)	111	50 - 400
BEHAVIOR @ 140°F, 5 HOURS		
Sagging	None	1/4 inch, max.
Blistering	None	None
Sliding	None	1/4 inch, max.
PLIABILITY @ 32°F		
Cracking	None	None
Separation	None	None
ACCELERATED WEATHERING		
@ 500 QUV Hours	Excellent	-
@ 1000 QUV Hours	Excellent	-
Pliability after 1000 QUV Hours		
Cracking	None	-
Separation	None	-

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