



Description:

Mineral Shield™ Roofing Granules are used as an aesthetic treatment of end laps and side laps on granule-surfaced built-up and modified bitumen membranes, and for detailing and general roof repairs. The granules provide protection against weather elements and are designed to meet industry and code requirements. These granules are used on asphalt bleed-out and protect against weathering.

Basic Uses:

Suitable for use on heat-fused membranes or with systems installed in cold adhesive or hot asphalt. Broadcasting granules into asphaltic flow helps prevent premature aging of the compound and creates a seamless appearance of the membrane surface.

Advantages:

- Mineral Shield™ Roofing Granules provide a multifaceted design and light-reflective construction that adds dimension and depth to membrane products.
- UV blocker protects against damaging sunlight, improving durability of the membranes and the system where the granules are applied.
- Color Lock™ Ceramic Firing, available on standard White, Black, and Tan granule offerings, maintains the true color of the granules longer.

Membrane Application Compatibility:

Roof Coating:

- Torch/Heat-Weld Applied
- Cold Applied
- Hot-Asphalt Applied

Application Method:

- Loose laid

Solar-Reflective Granules:

- To help address cool roof initiatives across the country, GAF offers **Bright White** and **Ultra Bright White** granules, which are rated with CRRC and provide solar-reflectance properties to select EnergyCap™ membrane cap sheets.
- GAF Ultra Bright White** granules are engineered to reflect significantly more solar radiation than GAF standard white granules. These high-performance granules are available for instances when building owners need to comply with 2019 Title 24 Part 6 Cool Roof requirements of the California Code of Regulations.

Applicable Standards:

- ASTM D451
- ASTM E11 Test Sieves

	Standard	U.S. Alternative
Fine Series	2.36 mm	No. 8
	1.18 mm	No. 16
	600 µm	No. 30
	300 µm	No. 50
	150 µm	No. 100
	75 µm	No. 200

Granule Sizes		
Black, White, Tan	#11	
Bright White, Ultra Bright White	#12	
Product Specifications (nominal)		
Specific Gravity	250–265	
Bulk* Density–Loose in lb./ft. ³	Standard White, Black & Tan granules	81–87
	EnergyCap™ Bright White & Ultra Bright White granules	67
Moisture Content	<0.2%	
Base Rock Hardness Barrett	86–97	
Mohs Mineral Scale	6–7	
Item Code	Product Description	
4302 W/B/T/UBW	60 lb. 5 gal. pail	
4306 BW	60 lb. 5 gal. pail	
4302' W/B/T/UBW	2,000 lb. Supersack	
4306' BW	2,000 lb. Supersack	

* Supersack Packaging

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For additional information, contact GAF Design Services at 1-877-423-7663 or designservices@gaf.com

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