

In addition to surfacing many of BITEC's cap plies, BITEC Roofing Granules are offered as a standalone product to help finish modified bitumen roofing projects or repairs. They are available in both our solid colors and color blends.

FEATURES & BENEFITS

BITEC Roofing Granules also provide the following features and benefits:

- Colored with long-lasting, durable pigments, as proven by long-term field performance, as well as accelerated weathering tests
- Treated to promote adhesion to asphalt
- Exact color match to BITEC cap plies
- Can also be used in repairs to provide protection of asphalt-based mastics and adhesives

PACKAGING

BITEC Roofing Granules are available in 5-gallon pails with 36 pails / pallet. The following colors are available:

Solid Colors:	Blended Colors:
Black	Brown Blend
White	Gray Blend
Brown	Tan Blend
Buff	Black Blend
Gray	Terra Cotta
Red	Slate Blend
Jet Black	Ultra White (CRRC compliant)
Green	

APPLICATION

BITEC specifications should be consulted to determine which systems are appropriate for this product.

BITEC Roofing Granules are typically scattered into the bleed out at the laps and terminations of cold adhesive-, torch-, and hot asphalt-applied cap plies in order to protect the exposed bitumen or asphalt from UV exposure, as well as to create a more aesthetically pleasing roof surfacing. In addition, BITEC Roofing Granules can be used on exposed mastics or adhesives used in roofing repairs. Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines.

As with any roofing project, good roofing practices should always be followed.

STORAGE & HANDLING

BITEC Roofing Granules should be stored in a cool, dry location prior to use.

PRECAUTIONS

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.

Technical Schedule	
Grade	3M TM-006 or 3M TM-085
Dust (3M TM045)	0.2% max <100 Mesh US Sieve (150µm)
De-oiled Color (3M TM007)	Individual components will be ±1.0 unit to standard
Moisture Content (3M TM057)	0.3% max
Hardness (Moh's Mineral Scale)	6.0-7.0
Bulk Density (3M TM058)	93-99 lbs / ft ³
Specific Gravity (3M TM001)	2.55-2.70

% Retained Specification				
Minimum	Maximum	U.S. Sieve No.	Nominal Opening	Typical % Ranges
0.0	0.1	8	2.36 mm	-
4.0	10.0	12	1.70 mm	-
-	-	16	1.18 mm	30-50*
-	-	20	850 µm	20-40*
-	-	30	600 µm	10-30*
-	-	40	425 µm	1-10*
0.0	2.0	-40	-425 µm	-

*Typical retained range; not covered by specification.

All information is given in good faith but normal tolerances of manufacture and testing will apply. BITEC reserves the right to improve and change its products at any time without prior notice or advice. The use of BITEC products is determined by local conditions and individual requirements of each contract. In consideration of the many factors involved, BITEC cannot be held responsible for the improper application of its products and for conditions beyond its control. All claims filed against BITEC warranties will be subject to the provisions set forth at the date of the warranty issuance, and any addendum thereto. Under no circumstances will BITEC be held liable for any damage, whether personal injury or property damage, which occur during or after the application of any BITEC products.

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