

Features and Components

Ceramic-Coated Roofing Granules: Specifically engineered for optimal embedment in the bitumen. These granules are colored with durable pigments, bonded in a ceramic matrix and treated to promote excellent long-term adhesion.



Component

ST
Surface Treatment

Multi-Ply

Type

M
Membrane

PT
Protection

Color

White

System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

| Multi-Ply | BUR | | APP | | SBS | | |
|--|-----|----|-----|----|-----|----|----|
| | HA | CA | CA | HW | HA | CA | SA |
| <i>For use as a surfacing material in asphalt roofing products</i> | | | | | | | |

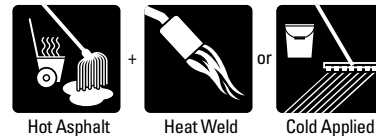
| Single Ply | TPO | | PVC | | EPDM | |
|--|-----|----|-----|----|------|----|
| | MF | FA | MF | FA | MF | BA |
| <i>Not for use in Single Ply systems</i> | | | | | | |

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

Physical Properties

| Property | Value / Performance |
|------------------|---|
| Dust | 0.2% Maximum <100 Mesh US Sieve (150 mm) (3M TM045) |
| Deoiled Color | Shipments will be + 1.0 unit to standard for L*a*b* (3M TM007) |
| Moisture Content | 0.3% Maximum (3M TM057) |
| Color Durability | Has been proven by long-term field performance and accelerated weathering tests |
| Opacity | Roofing Granules are opaque to protect the asphalt substrate from the effects of sunlight |
| Hardness | 6.0-7.0 Moh's Mineral Scale |
| Bulk Density | 90-96 lbs./ft.3 Packed (3M TM058) |
| Specific Gravity | 2.55-2.70 (3M TM001) |

Installation/Application



Grade (ASTM D 451)

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

*Typical range; not covered