

Meets the requirements of ASTM D 6162, Type 1, Grade G

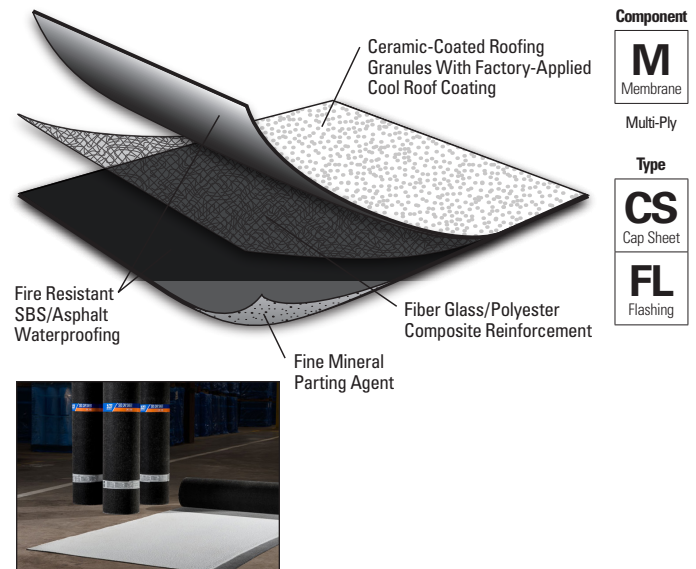
Features and Components

DynaKap FR T1 CR is used as a premium fiber glass/polyester-reinforced cool roof cap sheet in a variety of multi-ply roofing systems.

Ceramic-Coated Roofing Granules With Factory-Applied Cool Roof Coating: The cool roof technology combines the proven UV protection of ceramic-coated granules with a highly reflective coating, offering long-term performance and potential energy savings. Color: Bright White only.

High-Quality SBS Rubber and Asphalt Blend: Lends elasticity and flexibility to the sheet. The elongation and recovery properties allow the product to easily accommodate the continual expansion and contraction experienced on all roofs. The FR blend contains additional fire-retardant additives.

Fiber Glass/Polyester Reinforcement Mat: Combines the excellent tensile strength, toughness and puncture resistance of a polyester mat with the dimensional stability and lay-flat characteristics of fiber glass.



| | |
|------------------|------------------------|
| Component | M Membrane |
| Type | CS Cap Sheet |
| | FL Flashing |

Color: Bright White only

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 | HW | SA |
| Compatible with the selected Multi-Ply systems above | | | | | | | | |

| Single Ply | TPO | | PVC | | EPDM | | |
|------------------------------------|-----|----|-----|----|------|----|----|
| | MF | FA | MF | FA | MF | FA | BA |
| Do not use with Single Ply systems | | | | | | | |

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

Energy and the Environment

| CRRC** | Test | Initial | 3-Year Aged** |
|---|--|----------------------------|---------------|
| | | Reflectivity (ASTM C 1549) | 0.83 |
| | Emissivity (ASTM C 1371) | 0.90 | 0.88 |
| Rated Product ID: 0662-0007a Licensed Manufacturer ID: 0662 Classification: Production Line | | | |
| This product meets the requirements of California Title 24, Part 6 | | | |
| LEED® | Solar Reflectance Index (SRI) - E 1980 | 104 | 95 |
| | Recycled Content | 0% | |

* Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building construction may vary.

Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating normal procedures.

** Tested in accordance with Rapid Ratings D7897.

Peak Advantage® Guarantee Information

| Systems | Guarantee Term |
|--|----------------|
| When used in most 2-5 ply JM SBS systems.* | Up to 30 years |

*Contact JM Technical Services for specific system requirements or guarantee terms.

Codes and Approvals



Installation/Application



- May be installed in Type IV asphalt or in an approved JM adhesive
- Laps may be installed using heat-welding techniques
- Refer to JM SBS modified bitumen specifications and detail drawings for application and slope information

Packaging and Dimensions

| | |
|---------------------|--|
| Roll Coverage* | 95.8 ft ² (8.9 m ²) |
| Roll Length | 32' 10" (10.01 m) |
| Roll Width | 39 3/8" (1 m) |
| Roll Weight | 108 lb (49.0 kg) |
| Rolls per Pallet | 20 |
| Pallet Weight | 2,250 lb (1,021 kg) |
| Pallets per Truck** | 20 |

*Assumes a 4" side lap **Assumes 48' flatbed truck.

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Tested Physical Properties

| Physical Properties | | ASTM Test Method | Standard for ASTM D 6162, Type I, Grade G (Min.) | DynaKap FR T1 CR | |
|---------------------|--|-------------------------|--|---|------------------------|
| | | | | MD* | XMD** |
| Strength | Tensile Tear | D 5147 | 65 lbf (289 N) | 165 lbf (734 N) | 160 lbf (712 N) |
| | Peak Load at 0°F (-18°C) | D 5147 | 75 lbf/in (13.1 kN/m) | 190 lbf/in (33.3 kN/m) | 170 lbf/in (29.8 kN/m) |
| | Peak Load at 73.4°F (23°C) | D 5147 | 75 lbf/in (13.1 kN/m) | 120 lbf/in (21 kN/m) | 100 lbf/in (17.5 kN/m) |
| Longevity | Low Temp. Flexibility | Unconditioned | D 5147 | 0°F (-18°C) | -20°F (-29°C) |
| | | 90-Day Heat Conditioned | D 5147 | 0°F (-18°C) | -15°F (-26°C) |
| | Compound Stability | D 5147 | 195°F (91°C) | 250°F (121°C) | |
| | Granule Loss | D 4977 | 2 g (0.07 oz) | 0.7 g (0.02 oz) | |
| | Thickness | D 5147 | 110 mil (2.8 mm) | 150 mil (3.8 mm) | |
| | Selvage Edge Thickness | D 5147 | N/A | 119 mil (3.0 mm) | |
| | Elongation at Peak Load at 0°F (-18°C) | D 5147 | 1% | 5% | 5% |
| | Elongation at Peak Load at 73.4°F (23°C) | D 5147 | 2% | 6% | 6% |
| | Ultimate Elongation at 73.4°F (23°C) | D 5147 | 26% | 40% | 40% |
| Aged Performance | 90-Day Heat-Conditioned Peak Load at 0°F (-18°C) | D 5147 | 75 lbf/in (13.1 kN/m) | 190 lbf/in (33.3 kN/m) | 170 lbf/in (29.8 kN/m) |
| | 90-Day Heat-Conditioned Elongation at Peak Load at 0°F (-18°C) | D 5147 | 1% | 5% | 5% |
| | 90-Day Heat-Conditioned Peak Load at 73.4°F (23°C) | D 5147 | 75 lbf/in (13.1 kN/m) | 165 lbf/in (28.9 kN/m) | 145 lbf/in (25.4 kN/m) |
| | 90-Day Heat-Conditioned Elongation at Peak Load at 73.4°F (23°C) | D 5147 | 2% | 5% | 5% |
| | 90-Day Heat-Conditioned Ultimate Elongation at 73.4°F (23°C) | D 5147 | 9% | 9% | 9% |
| Installation | Dimensional Stability | D 5147 | 0.5% | 0.2% | 0.2% |
| | Net Mass per Unit Area | D 146 | 60 lb/100 ft ² (27.2 kg/9.29 m ²) | 103 lb/100 ft ² (46.7 kg/9.29 m ²) | |
| | Roll Weight | D 146 | N/A | 108 lb (49.0 kg) | |

*MD = Machine Direction

**XMD = Cross-Machine Direction

Note: All data represents tested values.