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# **Rubberized Asphalt Mastic and Coating**

### **Advantages**

- Cures to a durable, elastic modified bitumen membrane
- Self-leveling brush grade
- Sag-resistant trowel grade
- Excellent water resistance
- One component–trowel grade requires no mixing; brush grade requires minimal mixing
- 700% Elongation: Brush
- 500% Elongation: Trowel

### Uses

- Seals modified bitumen seams and splits, seams and fasteners on metal roofs, pitch pans, roof penetrations, blisters and masonry surfaces
- Lines gutters and ponding areas
- Protects and restores modified bitumen and BUR roofs







#### **Problem**

Existing granulated modified bitumen cap sheet losing granules and starting to deteriorate in the valley.

### Solution

Apply 229AR Elastomeric Brush Grade at a rate of 3-4 gallons per 100 sq. ft.

#### **Benefits**

229AR Elastomeric Brush Grade has excellent adhesion and cures to a waterproof membrane adding protection and years to the service life of the modified bitumen membrane. After sufficient curing time the 229AR Elastomeric Brush Grade may be coated with a variety of KARNAK reflective coatings as an option. Sufficient curing time will depend on coverage rate and climatic conditions, including temperature and humidity.



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#### **Problem**

Base flashing seams coming apart.

#### Solution

229AR Elastomeric Trowel Grade applied to entire base flashing and reinforced in a 3-course repair application with 5540 Resat Mat.

### **Benefits**

229AR Elastomeric Trowel Grade has excellent adhesion to modified bitumen base flashings. A 3-course repair application with 229AR Elastomeric Trowel Grade provides a seamless waterproofing restoration that will add years to the service life of the base flashing.

#### **Problem**

Existing smooth BUR or modified bitumen with critical ponding water between the drains will cause premature failure of the roof in that area.

#### Solution

Apply 229AR Elastomeric Brush Grade at a rate of 3-4 gallons per 100 sq. ft.

#### **Benefits**

229AR Elastomeric Brush Grade has excellent adhesion to smooth BUR/Modified bitumen and cures to a waterproof membrane adding protection against the ponding condition and years to the service life of the system in those critical areas.









**Before** 

**After** 



#### **Problem**

Modified Bitumen seam separating, causing leaks.

#### **Solution**

Apply 229AR Elastomeric Brush or Trowel Grades in a 3-course repair application to length of seam or affected area with 5540 Resat Mat as reinforcement.

#### **Benefits**

229AR Elastomeric has excellent adhesion to modified bitumen membranes and cures to a waterproof membrane providing a superior long-term seam repair. Granules may be broadcast into 229AR Elastomeric just after application. 229AR Elastomeric may also be coated over with reflective coating, as an option.

#### **Problem**

Gutters are starting to rust and have leaking seams.

#### Solution

Apply 229AR Elastomeric Trowel Grade to the interior of the gutter using 5540 Resat Mat as reinforcement at any seams.

#### **Benefits**

229AR Elastomeric Trowel Grade will economically waterproof and rustproof the interior of the gutter avoiding costly metal replacement.



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#### **Problem**

Existing aged built-up asphalt roof starting to crack.

#### **Solution**

Apply 229AR Elastomeric Brush Grade grade in two applications for a total rate of 4-6 gallons per square with a one ply application of 3036 Poly Mat polyester reinforcing fabric on the entire roof. After sufficient curing time the 229AR Elastomeric Brush Grade may be coated with a variety of KARNAK reflective coatings as an option.

#### **Benefits**

229AR Elastomeric Brush Grade when used as a complete restoration coating provides a waterproofing layer of reinforced SBS modified bitumen that will add many years to the service life of aged built up roofing membranes.

#### **Problem**

Large blisters on modified bitumen membrane.

#### Solution

Cut blister, after allowed to dry, then apply 229AR Elastomeric Trowel Grade in a 3-course repair application with 5540 Resat Mat.

#### **Benefits**

229AR Elastomeric Trowel Grade has excellent adhesion to modified bitumen membranes and cures to pure waterproofing providing a superior long-term repair. Granules may be broadcast into the 229AR Elastomeric Trowel Grade at application or after sufficient curing time, it may be coated with a variety of KARNAK reflective coatings as an option.





### **Problem**

Pitch pan filler was old and cracked and flange flashing was separating, causing leaks.

### Solution

Apply 229AR Elastomeric Trowel Grade as a monolithic flashing 3-course repair application with 5540 Resat Mat to reinforce at the metal flange laps and transitions.

#### **Benefits**

229AR Elastomeric Trowel Grade provides a simple and economical seamless repair that will add years to the service life of the pitch pan and flashing.

# Other problem solving uses of 229 AR Elastomeric include:

- Repair and restoration of gravel surfaced Coal Tar or Asphalt built up roofing
- Coating for a complete granule restoration on modified bitumen cap sheets
- Sealing and coating transite panels
- Waterproofing masonry surfaces above and below grade
- Repairing sprayed in place foam
- Rustproofing/Corrosion-proofing on exposed metal

### **Compatible Reflective Coatings**

298 Alumin-R ENERGY STAR®

### **Compatible Reinforcing Fabrics**

5540 Resat-Mat 3036 Poly-Mat



# **229AR Elastomeric**

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330 Central Avenue Clark, NJ 07066 (800) 526-4236 info@karnakcorp.com www.karnakcorp.com Manufacturing/Warehouse Locations: Clark, NJ Ft. Lauderdale, FL Broadview, IL

Kingman, AZ

Distribution Warehouse Locations: Renton, WA Rancho Cucamonga, CA Dallas, TX

