



## PRODUCT GUIDE

### Roofing, Waterproofing & Dampproofing



[www.karnakcorp.com](http://www.karnakcorp.com)

## Product

## Approvals

### Roofing, Waterproofing & Dampproofing

#### Roofing Repair Mastics & Cements



#### 18 Perfectseal Roof Cement

- General purpose roof repair cement
- Heavy trowel consistency
- Excellent resistance to flow on vertical surfaces
- 5-gallon

Use on asphalt roofs, concrete and metal roofs, shingles, general purpose use on exterior of buildings and structures

**ASTM & Specifications**  
D-4586 Type I Class I  
SS-C-153 Type 1(AF)

**UL FM CRRC Energy Star Miami Dade**

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#### 19 Flashing Cement

- Smooth trowel consistency
- Excellent general purpose repair cement
- Adheres to vertical & horizontal surfaces
- 10.1 oz caulk tubes, 1-gallon, 3-gallon, 5-gallon

Use on asphalt roofs, concrete and, metal roofs, shingles, general purpose use on exterior of buildings and structures

**ASTM & Specifications**  
D-4586 Type I Class I  
SS-C-153 Type 1(AF)

**UL FM CRRC Energy Star Miami Dade**

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#### 19 Ultra Rubberized Wet/Dry Flashing Cement

- Rubberized elastomeric flashing cement
- Stops leaks on wet or dry surfaces, emergency repair
- Smooth trowel consistency
- 10.1 oz caulk tubes, 1-gallon, 3-gallon, 5-gallon

Use on asphalt roofs, concrete and, metal roofs, shingles, general purpose use on exterior of buildings and structures.

**ASTM & Specifications**  
D-4586 Type I Class I & Class II  
D-3409  
SS-C-153 Type 1(AF)

**UL FM CRRC Energy Star Miami Dade**

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#### 155 Amphibikote Wet/Dry

- Emergency roof repair cement
- Bonds to wet or dry surfaces
- Smooth trowel consistency
- 10.1 oz caulk tubes, 1-gallon, 5-gallon

Use on asphalt roofs, concrete and, metal roofs, shingles, general purpose use on exterior of buildings and structures.

**ASTM & Specifications**  
D-4586 Type I Class I & Class II  
D-3409  
SS-C-153 Type I(AF)

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#### 170 Tar Cement

- Best repair cement for coal-tar pitch roofs
- Adheres to wet or dry surfaces
- Elastic & self healing properties
- 5-gallon

Use on coal-tar pitch roofs

**ASTM & Specifications**  
D-4022 (AF)  
SS-C-153 Type I(AF)

**UL FM CRRC Energy Star Miami Dade**

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#### 197 Karnastatic "Slaters" Cement

- Dries quickly to a hard, firm finish
- Ideal for use with slate roofing
- Won't run or sag on vertical surfaces
- 5-gallon

Use on slate roofs

**ASTM & Specifications**  
D-4586 Type I Class I

**UL FM CRRC Energy Star Miami Dade**

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#### 229 AR-Elastomeric/Trowel Grade

- Highly rubberized waterproof sealant
- Maintenance & repair of asphalt, concrete, metal, foam roofs
- Use to seal pitch pans, gravel stops, gutters, problem areas
- Superior protection in ponding areas
- 30 oz. caulk tubes, 1-gallon, 3-gallon, 5-gallon

Use on asphalt BUR, APP & SBS membrane roofs, concrete, metal, spray urethane foam roofs, masonry, stone and wood

**ASTM & Specifications**  
D-4586 Type I Class I

**UL FM CRRC Energy Star Miami Dade**

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## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



#### 502MS Karna-Flex

- Thermoplastic rubber SEBS sealant - White, Black Gray
- Ideal for patch & repair even in ponding areas
- Flexible, durable, weather-resistant and UV stable
- 30 oz. caulk tubes, 1-gallon, 3-gallon

Use on metal, TPO, PVC, Hypalon, EPDM, Concrete, spray foam and asphalt (black only) roof surfaces

ASTM & Specifications	UL	FM	CRRC	Energy Star	Miami Dade
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#### 505MS Karna-Flex WB

- Elastomeric acrylic sealant
- Use to patch & repair
- Flexible, durable, weather-resistant & UV stable
- 30 oz. caulk tubes, 1-gallon, 3.5-gallon, 5-gallon

Use on metal, TPO, PVC, Hypalon, EPDM, Concrete, spray foam and asphalt roof surfaces

ASTM & Specifications	UL	FM	CRRC	Energy Star	Miami Dade
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#### 670HS Karna-Sil Ultra

- White, single-component, high solids, moisture cure silicone roof coating
- Excellent weather and water resistance - cured film resists degrading, chalking under harsh UV exposure
- Coverage: one coat applied over 180 Karna-Sil Epoxy Primer or specified 400 series base coat at the rate of 1.5 gallons per 100 sq. ft. (23 dry mils) up to 3 gallons per 100 sq. ft. (46 dry mils)
- 5-gallon, 50-gallon

Use directly on spray polyurethane foam roofing or over 180 Karna-Sil Epoxy Primer or applicable 400 series base coat over metal, asphalt, TPO, PVC, Hypalon and EPDM roofs

ASTM & Specifications	NSF	UL	FM	CRRC	Energy Star	Miami Dade
D-6694	•	•		•	•	•



#### 670LS Karna-Sil

- White, single-component, solvent-based, moisture cure silicone roof coating
- Excellent weather and water resistance - cured film resists degrading, chalking under harsh UV exposure
- Coverage: one coat applied over 180 Karna-Sil Epoxy Primer or specified 400 series base coat at the rate of 1.5 gallons per 100 sq. ft. (16 dry mils) up to 3 gallons per 100 sq. ft. (33 dry mils)
- 5-gallon, 50-gallon

Use directly on spray polyurethane foam roofing or over 180 Karna-Sil Epoxy Primer or applicable 400 series base coat over metal, asphalt, TPO, PVC, Hypalon and EPDM roofs

ASTM & Specifications	NSF	UL	FM	CRRC	Energy Star	Miami Dade
D-6694	•	•		•	•	•



#### 920 Fibred Emulsion Mastic

- Asphalt emulsion repair mastic, trowel grade
- Ideal for repairs on exterior duct work
- Durable protective sealant for asphalt, concrete, metal & wood
- 5-gallon

Use on concrete, metal, asphalt, wood

ASTM & Specifications	UL	FM	CRRC	Energy Star	Miami Dade
D-1187 Type I, D-1227 Type II Class I, SS-R-1787 (AF) MIL-R-3472A					•

## Product

## Approvals

### Roofing, Waterproofing & Dampproofing

#### Asphalt Roof Coatings



##### 71 Fibered Asphalt Roof Coating

- Protects asphalt roofs from hot sun & winter weather
- Fills in hairline cracks & bare spots on asphalt roofs
- Coverage: 4 gallons per 100 sq. ft.
- 1-gallon, 5-gallon, 55-gallon

Use on smooth BUR, APP and SBS modified membranes, metal roofs and roll roofing

**ASTM & Specifications**  
D-4479 Type I  
SS-A-694D

**UL FM CRRC Energy Star Miami Dade**  
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##### 100 Non-Fibered Emulsion Roof Coating

- Adds additional asphalt protection to cover worn roof areas
- Prepares roof for reflective coating applications
- Coverage: 2-3 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon

Use on asphalt BUR, APP & SBS modified bitumen membranes, metal and wood

**ASTM & Specifications**  
D-1187 Type II, D-1227 Type II  
Class I, SS-R-1787 (AF)  
MIL-R-3472A

**UL FM CRRC Energy Star Miami Dade**  
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##### 107 Velvet Roof Coating

- Non-fibered asphalt roof coating
- Adds a layer of asphalt protection to weathered roofs
- Coverage: 1-2 gallons per 100 sq. ft.
- 5-gallon, 55-gallons

Use on smooth surface BUR, APP and SBS modified bitumen membrane roofs

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**  
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##### 112 Non-Fibered Asphalt Roof Coating

- Non-fibered asphalt roof coating
- Adds a layer of asphalt protection to weathered roofs
- Coverage: 1-2 gallons per 100 sq. ft.
- 1-gallon, 5-gallon, 55-gallon

Use on smooth surface BUR, APP and SBS modified bitumen membrane roofs

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**  
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##### 220 Fibered Emulsion Coating

- Seals cracked and alligatored asphalt surfaces - dries to durable finish
- Excellent base primer for reflective coatings
- Coverage: 4 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon totes

Use on asphalt BUR, APP & SBS modified bitumen membranes, metal and wood

**ASTM & Specifications**  
D-1187 Type I & Type II,  
D-1227 Type II  
Class I, SS-R-1781 (AF)  
MIL-R-3472A

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##### 229 AR-Elastomeric/Brush Grade

- Highly rubberized waterproof sealant - superior protection in ponding areas
- Seals weathered asphalt roofs
- Coverage: 2-4 gallons per 100 sq. ft.
- 1-gallon, 3-gallon, 5-gallon

Use on asphalt BUR, APP & SBS membrane roofs, concrete, metal and spray urethane foam roofs

**ASTM & Specifications**  
D-4479 Type I

**UL FM CRRC Energy Star Miami Dade**  
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#### Reflective Roof Coatings - Aluminum Coatings



##### 27 Perfectseal Fibered Aluminum Roof Coating

- Good reflectivity for protecting the underlying roof surface
- Fibered for longer service life
- Coverage: 1-1.5 gallons per 100 sf
- 5-gallon

Use on smooth BUR, APP & SBS modified bitumen membranes, metal roofs

**ASTM & Specifications**  
D-2824 Type III

**UL FM CRRC Energy Star Miami Dade**  
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## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



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#### Perfectseal Non-Fibered Aluminum Roof Coating

Use on smooth BUR, APP & SBS modified bitumen membranes, metal roofs

- Good reflectivity for protecting the underlying roof surface
- Good for use as a re-coat over existing aluminum coated roof
- Coverage: 0.5-1 gallon per 100 sq. ft.

**ASTM & Specifications**  
D-2824 Type I

**UL FM CRRC Energy Star Miami Dade**  
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#### Fibered Aluminum Roof Coating

Use on smooth BUR, APP & SBS modified bitumen membranes, metal roofs

- Fibered aluminum for heavy duty service
- Extends the life of asphalt and modified bitumen membranes
- Coverage: 1-1.5 gallon per 100 sq. ft.
- 1-gallon, 5-gallon

**ASTM & Specifications**  
D-2824 Type III, D-3805  
TT-C-498C(AF)  
D-962 Type II

**UL FM CRRC Energy Star Miami Dade**  
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#### Fibered Aluminum Roof Coating

Use on smooth BUR, APP & SBS modified bitumen membranes, metal roofs

- Highest leafing aluminum concentration for superior reflectivity and service life
- Extends the life of asphalt and modified bitumen membranes
- Coverage: 1-1.5 gallons per 100 sq. ft.
- 5-gallon

**ASTM & Specifications**  
D-2824 Type III, D-3805  
TT-C-498C(AF)  
D-962 Type II

**UL FM CRRC Energy Star Miami Dade**  
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#### Non-Fibered Aluminum Roof Coating

Use on smooth BUR, APP & SBS modified bitumen membranes, metal roofs

- Non-fibered aluminum for smooth asphalt roof surfaces
- Extends the life of asphalt and modified bitumen membranes
- Coverage: 0.5-1 gallon per 100 sq. ft.
- 1-gallon, 5-gallon

**ASTM & Specifications**  
D-2824 Type I, D-3805  
TT-C-498C(AF)  
D-962 Type II

**UL FM CRRC Energy Star Miami Dade**  
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**297**

#### Aqua-Lum

Use on smooth BUR, APP & SBS modified bitumen membranes roofs

- Water-based aluminum reflective coating with good bleed through resistance
- Allows quicker coating of hot-applied BUR and other asphalt-based systems
- Coverage: 2 gallons per 100 sq. ft.
- 5-gallon

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**



**298**

#### Alumin-R Rubberized Aluminum Roof Coating

Use on smooth BUR, APP & SBS modified bitumen membranes, metal roofs

- Elastomeric, rubberized for longer service life
- Greater resistance to ponding water
- Coverage: 1.5-2 gallons per 100 sq. ft.
- 3-gallon, 5-gallon

**ASTM & Specifications**  
D-2824 Type III  
D-962 Type II  
D-3805

**UL FM CRRC Energy Star Miami Dade**  
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## Product

## Approvals

### Roofing, Waterproofing & Dampproofing

#### Reflective Roof Coatings - White Coatings (Other colors available)



##### 501 Elasto-Brite

- Premium, 100% acrylic polymer, elastomeric coating
- Superior reflectivity and elongation for the protection of the underlying roof surface
- Coverage: Apply over 400 series base coat at 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon

Use over any of our 400 series base coats or over prepared smooth BUR, APP & SBS modified bitumen membranes and concrete, metal and spray polyurethane foam roofs

ASTM & Specifications	NSF	UL	FM	CRRC	Energy Star	Miami Dade
D-6083	•	•	•	•	•	•



##### 502 RC-W Elasto-Kote (502 Base & 502 Finish)

- Highly elastic, SEBS thermoplastic rubber roof coating
- Low permeability provides excellent water blister resistance
- Coverage: Apply 502 Base first at the rate of 1.5 gallons per 100 sq. ft. then 502 Finish at 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon

Use on metal roofs, spray polyurethane foam roofs, EPDM, TPO, PVC roofs, concrete, stucco and wood structural surfaces.

ASTM & Specifications	NSF	UL	FM	CRRC	Energy Star	Miami Dade
D-6083 (Except Solvent-Based)	•	•	•	•	•	•



##### 505HS Mohave Coat

- Premium, high-solids, 100% acrylic polymer, elastomeric coating
- Superior reflectivity and elongation for the protection of the underlying roof surface
- Coverage: Apply over 400 series base coat at 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon

Use over any of our 400 series base coats or over prepared smooth BUR, APP & SBS modified bitumen membranes and concrete, metal and spray polyurethane foam roofs

ASTM & Specifications	UL	FM	CRRC	Energy Star	Miami Dade
D-6083			•	•	



##### 529 Renu-White

- Reflective, co-polymer acrylic roof coating
- Excellent choice for re-coating existing acrylic coated roofs
- Coverage: Apply over 400 series base coat at 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon

Use over any of our 400 series base coats or over prepared smooth BUR, APP & SBS modified bitumen membranes and metal roofs as well as above grade concrete, concrete block, brick, stucco and wood.

ASTM & Specifications	UL	FM	CRRC	Energy Star	Miami Dade
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##### 535 QS Enviro-Lastic

- Premium, 100% acrylic polymer, elastomeric coating
- Quickly sets to protect against rain wash off in 20 minutes
- Coverage: Apply over 400 series base coat at 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon

Use over any of our 400 series base coats or over prepared smooth BUR, APP & SBS modified bitumen membranes and concrete, metal and spray polyurethane foam roofs

ASTM & Specifications	UL	FM	CRRC	Energy Star	Miami Dade
D-6083				•	•

## Product

## Approvals

### Roofing, Waterproofing & Dampproofing

#### Acrylic Base Coats



#### 404 Corrosion Proof Base Coat

Use over properly prepared metal roofs

- Self-priming acrylic base coat with light gray indicator color, provides superior adhesion to metal
- Stops the formation of rust and corrosion
- Coverage: 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon totes

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade



#### 405 Bond-N-Shield Base Coat

Use over properly prepared, low-slope asphalt roofs

- Self-priming acrylic base coat with light blue indicator color, provides superior adhesion to asphalt surfaces
- Prevents asphalt bleed-thru and improves blister resistance in ponding areas
- Coverage: 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon totes

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade



#### 406 Tru-Grip Base Coat

Use over properly prepared TPO, PVC, Hypalon and EP single-ply membrane roofs

- Self-priming acrylic base coat with marine green indicator color, provides superior adhesion to substrate
- Blocks plasticizer migration for coating durability, improves blister resistance in ponding areas
- Coverage: 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon totes

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade



#### 407 EPDM & SPF Base Coat

Use on properly prepared EPDM & Spray Polyurethane Foam roof and concrete surfaces

- Self-priming acrylic base coat with light pink indicator color, provides superior adhesion to substrate
- Promotes coating durability and improves blister resistance
- Coverage: 1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon totes

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade

#### Adhesives



#### 16 Double Coverage Cement/Lap Cement

Use to adhere cap sheet roll roofing membranes

- Cold-applied adhesive for asphalt cap sheets and roll roofing
- Use as a blind nailing/lap cement
- Coverage: 2-3 gallons per 100 sq. ft.
- 1-gallon, 5-gallon, 55-gallon

ASTM & Specifications  
D-3019 Type III

UL FM CRRC Energy Star Miami Dade



#### 66 Trowel Modified Bitumen Adhesive

Use to adhere SBS modified bitumen membranes, base and ply sheets as well as to adhere conventional BUR ply sheets or fully granulated cap sheets

- SBS cold-applied modified bitumen adhesive, eliminates the need for torches and kettles
- Tough, flexible, adhesive and cohesive bond
- Coverage: 1-2 gallons per 100 sq. ft.
- 5-gallon

ASTM & Specifications  
D-3019 Type III

UL FM CRRC Energy Star Miami Dade



## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



#### 78 Cold Process Cement

- Multi-purpose blind nailing/lap cement
- Used with cold-process roofing systems, eliminates need for kettles
- Coverage: 2-3 gallons per 100 sq. ft.
- 5-gallon, 55-gallon

Use to adhere cap sheet roll roofing membranes as well as a protective coating over BUR asphalt roofs

**ASTM & Specifications**  
D-3019 Type III  
D-4479 Type I

**UL FM CRRC Energy Star Miami Dade**  
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#### 81 Modified Bitumen Adhesive

- Specification-grade SBS cold-applied modified bitumen adhesive, eliminates need for torches and kettles
- Superior flexibility for strong adhesive and cohesive bonding
- Coverage: 1-2 gallons per 100 sq. ft.
- 5-gallon

Use to adhere SBS modified bitumen membranes, base and ply sheets as well as to adhere conventional BUR ply sheets or fully granulated cap sheets

**ASTM & Specifications**  
D-3019 Type III

**UL FM CRRC Energy Star Miami Dade**  
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### Resaturants



#### 168 Tar Roof Resaturant

- Reseals weathered coal tar pitch roofs
- Thick coating protects roofs and holds gravel in place
- Coverage: 7-8 gallons per 100 sq. ft. followed by new, clean gravel
- 5-gallon, 55-gallon

Use on weathered coal tar gravel roofs

**ASTM & Specifications**  
D-450A Type I, RR-381 Type I  
SS-C-540B

**UL FM CRRC Energy Star Miami Dade**



#### 198 Asphalt Roof Resaturant

- Rejuvenates old gravel asphalt roofs
- Protects roof from the UV rays of the sun and keeps gravel in place
- Coverage: 7-8 gallons per 100 sq. ft. followed by new, clean gravel
- 5-gallon, 55-gallon

Use on asphalt BUR gravel roofs

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**  
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### Primers



#### 89 Sta-Tack Primer

- Water-based & quick drying
- Excellent coverage—1 gallon covers 500 sq. ft.
- Improves adhesion of membrane and performance
- 1-gallon, 5-gallon

Use as a primer for self-adhering membranes for roofing or waterproofing

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**



#### 100 Non-Fibered Emulsion Primer

- Ideal for priming substrates prior to installing torch-applied modified membranes
- Water-based asphalt, safe to use, will not flash or burn in the liquid state
- Coverage: 1-2 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon totes

Use as a general-purpose primer on concrete, gypsum, masonry, brick, metal and asphalt surfaces over which waterproofing, dampproofing, roof coatings, membranes or other asphaltic products are to be applied

**ASTM & Specifications**  
D-1187 Type II, D-1227 Type III  
Class I, SS-R-1781(AF)  
MIL-R-3472A

**UL FM CRRC Energy Star Miami Dade**  
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## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



#### 102 Asphalt Primer

Use on masonry, brick, concrete block, metal, gypsum and asphalt

- General purpose asphalt primer
- Provides a thick, firm base to promote better adhesion of asphalt adhesives and coatings
- Coverage: 0.5-1 gallon per 100 sq. ft.
- 5-gallon, 55-gallon

**ASTM &  
Specifications**

**UL FM CRRC Energy Star Miami Dade**



#### 108 Asphalt Primer (D-41)

Use on concrete, CMU block, gypsum, masonry, brick, metal and asphalt

- General purpose primer for roofing, dampproofing & waterproofing
- Revitalizes old asphalt roofing felts and surfaces prior to sealing and coating, quick drying
- Coverage: 0.5-1 gallon per 100 sq. ft.
- 14-oz. spray cans, 5-gallon, 55-gallon

**ASTM &  
Specifications**  
D-41  
SS-A-701  
AASHTO M-116

**UL FM CRRC Energy Star Miami Dade**



#### 507 SPC Primer/Wash

Use to prepare EPDM roofing membranes for sealing and coating

- Cleans and prepares EPDM surfaces, a must for long-lasting coating applications
- Water-based, efficient cleaner - apply for 20 minutes then wash off
- Coverage: 0.20 gallon per 100 sq. ft. (500 sq. ft. per gallon)
- 1-gallon, 5-gallon

**ASTM &  
Specifications**

**UL FM CRRC Energy Star Miami Dade**



#### 702 K-Prep

Use on weathered Kynar coated metal roof panels

- Improves adhesion of coatings
- Improves blister resistance
- Coverage: 0.5 gallon per 100 sq. ft.
- 5-gallon, 55-gallon

**ASTM &  
Specifications**

**UL FM CRRC Energy Star Miami Dade**

## Dampproofing



#### LL10 & LL20 Water Repellents

Use on concrete, brick walls and other similar alkaline substrates

- Water-based siloxanes that penetrate deep to enable surface to shed water
- Ideal for facades, pre-cast concrete, clay tile, field stone, brick, terra-cotta
- Coverage: 1 gallon per 125-175 sq. ft.
- 5-gallon, 55-gallon

**ASTM &  
Specifications**  
SS-W-110C  
NCHRP-244 Series II

**UL FM CRRC Energy Star Miami Dade**



#### 83 Fibered Dampproofing

Use on masonry and concrete exterior surfaces below grade as well as general protective coating for wood, steel, brick

- Fibered, cutback asphalt dampproofing
- Cold-applied coating that forms a durable, flexible membrane
- Coverage: 4 gallons per 100 sq. ft.
- 5-gallon, 55-gallon

**ASTM &  
Specifications**  
D-4479 Type I  
SS-A-694D(AF)

**UL FM CRRC Energy Star Miami Dade**

## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



#### 86 Fibered Trowel Mastic

- Fibered, cutback asphalt dampproofing
- Ideal for making repairs to retaining walls, bridge abutments and steel panels before applying dampproof coating
- Coverage: 5-6 gallons per 100 sq. ft.
- 5-gallon

Use on masonry and concrete exterior surfaces below grade as well as or general repair on wood, steel, brick prior to applying dampproof coatings

**ASTM & Specifications**  
D-4586 Type I  
SS-A-153 Type 1 (AF)

**UL FM CRRC Energy Star Miami Dade**

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#### 100 Non-Fibered Emulsion Dampproofing

- General purpose cavity wall dampproof coating
- Protects against dampness
- Coverage: 2-3 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon totes

Use on concrete, masonry, metal and wood above or below grade as well as an adhesive for polystyrene insulation in cavity wall or on foundation wall

**ASTM & Specifications**  
D-1187 Type II, D-1227 Type III  
Class I, SS-R-1781(AF)  
MIL-R-3472A

**UL FM CRRC Energy Star Miami Dade**

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#### 220 Fibered Emulsion Dampproofing

- Acts as vapor retarder in cavity wall construction
- Protects concrete, metal and wood above- or below- grade
- Coverage: 4-6 gallons per 100 sq. ft.
- 5-gallon, 55-gallon, 275-gallon totes

Use on concrete, masonry, metal and wood above or below grade as well as an adhesive for polystyrene insulation in cavity wall or on foundation wall

**ASTM & Specifications**  
D-1187 Type I & II, D-1227  
Type II Class I, SS-R-1781(AF)  
MIL-R-3472A

**UL FM CRRC Energy Star Miami Dade**

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#### 920 Fibered Emulsion Mastic

- Trowel-applied version of 220
- Vapor retarder for above- or below-grade construction
- Coverage: 4-6 gallons per 100 sq. ft.
- 5-gallon, 55-gallon

Use on concrete, masonry, metal and wood above or below grade as well as an adhesive for polystyrene insulation in cavity wall or on foundation wall

**ASTM & Specifications**  
D-1187 Type I, D-1227  
Type II Class I, SS-R-1781(AF)  
MIL-R-3472A

**UL FM CRRC Energy Star Miami Dade**

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### Waterproofing



#### 88R Rubberized Waterproofing

- Spray-applied, rubberized below-grade waterproofing for masonry surfaces.
- Excellent upgrade to waterproofing for foundation walls
- Coverage: 4 gallons per 100 sq. ft.
- 5-gallon, 55-gallon

Use on masonry and concrete exterior surfaces below grade and interior cavity wall surfaces above grade as well as for general protective coating for wood, spray foam, steel brick and stone.

**ASTM & Specifications**  
D-4479 Type I

**UL FM CRRC Energy Star Miami Dade**

## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



#### 229 AR-Elastomeric

- Commercial-grade waterproofing protection
- Highly elastomeric, polymer modified asphalt that forms a seamless membrane
- Brush, trowel or spray grades
- 5-gallon, 55-gallon

Use on masonry and concrete exterior surfaces below grade or above grade as well as for general protective coating for wood, spray foam, steel brick and stone

**ASTM & Specifications**  
D-4479 Type I  
D-4586 Type I

**UL FM CRRC Energy Star Miami Dade**

### Air Barriers



#### 321 K-NRG Seal VP

- Liquid-applied & elastomeric
- Vapor permeable air & water barrier
- Passes NFPA 285 Fire Test
- 5-gallon, 55-gallon

Use over exterior gypsum board, OSB, plywood, cementitious board, CMU, concrete, stone, wood, metal and more

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**



#### 323 K-NRG Gap Seal FR

- Single-component, water-based elastomeric acrylic sealant
- Seals gaps and transitions prior to air barrier coating application
- Passes NFPA 285 Fire Test
- 3.5-gallon, 55-gallon

Use over exterior gypsum board, OSB, plywood, cementitious board, CMU, concrete, stone, wood, metal and more

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**

### Reinforcing Fabrics & Tapes



#### 31 Fiberglass Membrane

- Woven entirely of fiberglass yarn and resin coated for use with asphalt, coal tar coatings and acrylic sealants
- Ideal for use with cold applied cements and coatings
- Designed to reinforce roofing and waterproofing repairs and applications as well as air barrier sealants
- Widths of 4", 6", 9", 12", 18", 36", x 150' rolls

Use to reinforce mastics, sealants and coatings

**ASTM & Specifications**  
D-1668 Type III  
HH-C466B

**UL FM CRRC Energy Star Miami Dade**



#### 34 Asphalt Cotton Fabric

- Asphalt coated for increased bond of cements & coatings
- Lightweight, unrolls easily
- Open mesh allows cements & coatings to form a strong mechanical bond
- Widths of 4", 6", 9", 12", 18", 36", x 150' rolls

Use to reinforce asphalt flashing cements, mastics and coatings

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**

## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



#### 3036 Poly-Mat

Use to reinforce coatings and sealants over smooth surfaces

- Firm finish, stitch-bonded polyester
- High tensile strength for increased toughness
- Lightweight and easy to handle, won't rot or decay
- Widths of 4", 6", 9", 12", 18", 40", x 180' rolls

ASTM &  
Specifications

UL FM CRRC Energy Star Miami Dade



#### 5540 Resat-Mat

Use to reinforce coatings and sealants over smooth or irregular surfaces

- Soft finish, stitch-bonded polyester
- Conforms to shape of roof, lightweight & easy to handle
- Excellent tensile strength & high breaking elongation
- Widths of 4", 6" x 300' and 40" x 324'

ASTM &  
Specifications

UL FM CRRC Energy Star Miami Dade



#### 550 Patch-N-Go

Use to seal seams & flashings and for making repairs on EPDM, Hypalon, PVC, TPO, Metal and over a number of other building materials

- Self-adhering repair tapes
- Seals and waterproofs
- Available in White, Black, Fleece
- Rolls available in 4", 6", widths and 65.5' in length

ASTM &  
Specifications

UL FM CRRC Energy Star Miami Dade



#### 560 Karna-Bond

Use to seal seams & flashings and for making repairs on EPDM, Hypalon, PVC, TPO, Metal and over a number of other building materials

- Self-adhering repair tapes with highly adhesive micro-sealant rubber
- Seals and waterproofs
- Available in White, Black, Silver, Fleece as well as double sided
- Rolls available in 1", 2", 4", 6", 12" and 24" widths by 50' in length depending on model

ASTM &  
Specifications

UL FM CRRC Energy Star Miami Dade

### Miscellaneous



#### 45 Sky Kote

Use to seal fiberglass & polycarbonate skylight panels and glass transit windows

- Clear, acrylic coating for sealing hairline cracks to stop water infiltration
- Dries clear to allow light through
- Coverage: 1-2 gallons per 100 sq. ft.
- 1-gallon, 5-gallon

ASTM &  
Specifications

UL FM CRRC Energy Star Miami Dade



## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



#### 105 Tac-Kote

Use to prepare surfaces for subsequent asphalt-based paving application

- Primer/adhesive for under asphalt-based roadways
- Binds and seals dusty surfaces for subsequent toppings
- Coverage: 1-1.5 gallons per 100 sq. ft.
- 5-gallon, 55-gallon

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade



#### 230 2% Neo Asphalt (Trowel Grade)

Use to adhere paving blocks and pressed asphalt bricks to concrete or macadam (blacktop) surfaces

- Cold-applied, rubberized asphalt adhesive eliminates shifting and buckling of pavers
- Installs over new/existing concrete/macadam
- Coverage: 1.5-2 gallons per 100 sq. ft.
- 5-gallon

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade



#### 237 2% Neo Asphalt (Brush Grade)

Use to adhere paving blocks and pressed asphalt bricks to concrete or macadam (blacktop) surfaces

- Cold-applied, rubberized asphalt adhesive eliminates shifting and buckling of pavers
- Installs over new/existing concrete/macadam
- Coverage: 1.5-2 gallons per 100 sq. ft.
- 5-gallon

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade



#### 709 Karna-Klean

Use as a paint, asphalt & tar remover for cleaning

- Concentrated citric-based solvent with pleasant orange scent
- Removes paint, tar and asphalt
- Environmentally friendly non-toxic & petroleum free
- 1-Liter size spray bottles

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade



#### 799 Wash-N-Prep Roof Cleaner

Use to clean roof surfaces

- Concentrated, pro-grade strength cleaner for preparing roof surfaces for repair and coating
- Use on asphalt, metal, concrete, spray foam, TPO and PVC roofs as well as for general cleaning
- For general cleaning 1 qt. cleans 1,600 sq. ft.
- 1-quart bottles

ASTM & Specifications

UL FM CRRC Energy Star Miami Dade

## Caulks



#### 19 Flashing Cement Caulk

Use for general repair of leaks in shingles, concrete, metal and asphalt roofs, flashings on walls, chimneys, flues, skylight flashings, downspouts and cornices

- Asphalt repair cement with smooth consistency for easy use
- Use for repairs on dry surfaces and as a shingle tab adhesive
- Coverage: 25 lineal feet per tube per ¼" by ¼" bead
- 10.1 oz. caulk tubes

ASTM & Specifications  
D-4586 Type I Class I  
SS-C-153 Type I(AF)

UL FM CRRC Energy Star Miami Dade

## Product

## Approvals

### Roofing, Waterproofing & Dampproofing



#### 19 Ultra Flashing Cement Caulk

- Elastomeric, rubberized asphalt repair cement with smooth consistency for easy use
- Use for repairs on wet or dry surfaces and as a shingle tab adhesive
- Coverage: 25 lineal feet per tube per ¼" by ¼" bead
- 10.1 oz. caulk tubes

Use for general repair of leaks in shingles, concrete, metal and asphalt roofs, flashings on walls, chimneys, flues, skylight flashings, downspouts and cornices

**ASTM & Specifications**  
D-4586 Type I Class I & Class II  
D-3409  
SS-C-153 Type I(AF)

**UL FM CRRC Energy Star Miami Dade**



#### 160.1 Amphibicaulk

- Asphalt repair cement for use on wet or dry surfaces, emergency repair use
- Use for repairs and as a shingle tab adhesive
- Coverage: 25 lineal feet per tube per ¼" by ¼" bead
- 10.1 oz. caulk tubes

Use for general repair of leaks in shingles, concrete, metal and asphalt roofs, flashings on walls, chimneys, flues, skylight flashings, downspouts and cornices

**ASTM & Specifications**  
D-4586 Type I Class I & Class II  
D-3409  
SS-C-153 Type I(AF)

**UL FM CRRC Energy Star Miami Dade**



#### 502MS Karna-Flex Caulk

- White, SEBS thermoplastic rubber sealant
- Seal metal screws and gutters and problem areas even in ponding areas
- Coverage: 75 lineal feet per tube per ¼" by ¼" bead
- 30 oz. caulk tubes

Use on metal, TPO, PVC, Hypalon, EPDM, concrete and spray foam roof surfaces

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**



#### 229 AR-Elastocaulk

- Black, SBS rubberized asphaltic sealant
- Seal metal screws, gutters, pitch pans, gravel stops and problem areas even in ponding areas
- Coverage: 75 lineal feet per tube per ¼" by ¼" bead
- 30 oz. caulk tubes

Use on asphalt BUR, APP & SBS membrane roofs, concrete, metal, spray urethane foam roofs, masonry, stone and wood

**ASTM & Specifications**  
D-4586 Type I Class I  
D-4479 Type I

**UL FM CRRC Energy Star Miami Dade**



#### 44 Klear-Seal

- Terpolymer acrylic caulk that dries clear with outstanding flexibility and adhesion, paintable
- Seal around windows, doors, trim, molding, metal and for general-purpose use
- Coverage: 25 lineal feet per tube per ¼" by ¼" bead
- 10.1 oz. caulk tubes

Use on wood, drywall, plaster, brick, concrete, masonry, tile and metal surfaces above grade

**ASTM & Specifications**  
C-834

**UL FM CRRC Energy Star Miami Dade**



#### 323 K-NRG Gap Seal FR Caulk

- Single-component, water-based elastomeric acrylic caulk
- Seals gaps and transitions prior to air barrier coating application
- Passes NFPA 285 Fire Test
- 30 oz caulk tube

Use over exterior gypsum board, OSB, plywood, cementitious board, CMU, concrete, stone, wood, metal and more

**ASTM & Specifications**

**UL FM CRRC Energy Star Miami Dade**

## Application Temperature Recommendations

PRODUCT TYPE	PRODUCT EXAMPLES	STORAGE TEMPERATURE (Store indoors in dry environment)	APPLICATION TEMPERATURES (Includes the substrate, product and ambient temperature*)	SERVICE/PERFORMANCE TEMPERATURES
Acrylics (Except 405 Bond-N-Shield and 529 Renu-White)	400 Series Base Coats 500 Series Finish Coats 505MS Karna-Flex WB	50°F to 90°F	40°F to 120°F	-15°F to 180°F
Acrylic - Exceptions	529 Renu-White 405 Bond-N-Shield	50°F to 90°F	40°F to 120°F	15°F to 180°F
Silicone	670HS Karna-Sil	50°F to 90°F	50°F to 120°F	-15°F to 185°F
SEBS & SBS	502 RC-W Elasto-Kote 502MS Karna-Flex 229AR Elastomeric	50°F to 90°F	40°F to 140°F	-40°F to 180°F
Aluminum	97 Fibered Aluminum 169 Non-Fibered AL 297 Aqua-Lum 298 Alumin-R	50°F to 90°F	50°F to 120°F	15°F to 180°F (298 Alumin-R 40°F to 180°F)
Asphalt Cements, Coatings, Adhesives & Primers	19 Flashing Cement 19 Ultra Rub. Flashing Cement 71 Fib. Asphalt Coating 108 Asphalt Primer 66 Mod. Bit. Adhesive 83 Fibered Dampproofing 86 Fibered Trowel Mastic	50°F to 90°F	40°F to 120°F	15°F to 180°F
Asphalt Emulsions	100 Non-Fibered / 100 Primer 220 Fibered 920 Fibered Emulsion Mastic	50°F to 90°F	40°F to 120°F	15°F to 180°F
Silioxanes	LL10 LL20	50°F to 90°F	40°F to 120°F	-15°F to 180°F
Epoxy Primer	180	50°F to 90°F	40°F to 120°F	-15°F to 180°F
Water-Based Polymer Modified Primer	89 Sta-Tak	50°F to 90°F	30°F to 120°F	15°F to 180°F
NOTE: Application at temperatures lower than 40° F will become difficult due to the increase in viscosity that occurs when the product's temperature is lowered. Application of products at or below freezing temperatures could result in adhesive failure, unless special precautions are taken to ensure that				
* Apply all products at ambient air temperature 5°F above dew point unless applicable for use over wet surfaces.				

## Spray Tip Information & Recommendations

Product	Tip Size Range	Working Pressure	Hose ID Tested*	Recommended Overspray During Application
#16	.049-.053	4000	1/2"	20%
#27	.039-.043	1500	1/2"	
#28	.023-.027	1500	1/2"	
#40	.043-.047	1800	1/2"	
#50	.043-.047	1800	1/2"	
#71	.049-.053	4000	1/2"	
#78	.049-.053	4000	1/2"	
#83 Spray	.049-.053	4000	1/2"	20%
#97	.039-.043	1500	1/2"	
#98	.039-.043	1500	1/2"	
#108	.029-.033	2500	1/2"	
#112	.031-.035	2500	1/2"	
#169	.023-.027	1500	1/2"	
#198	.049-.053	4000	1/2"	
#220	.045-.049	1800	1/2"	30%
#229 Spray	.039-.043	4000	1/2"	
#298	.043-.047	1700	1/2"	
#404	.023-.027	1800	1/2"	
#405	.023-.027	1800	1/2"	
#406	.023-.027	1800	1/2"	
#407	.023-.027	1800	1/2"	
#501	.035-.045	1800	1/2"	30%
#502 ES	.029-.033	3300	1/2"	
#502	.029-.033	2300	1/2"	
#529	.035-.045	1800	1/2"	
#535	.035-.045	1800	1/2"	
#670HS	.030-.035	3500	3/4"	
#670LS	.030-.035	3500	3/4"	

\*Hose length used for testing was 81'.

Products applied using a Graco GH 833 Airless Sprayer and 1/2" diameter hose, unless otherwise noted. Contact spray equipment manufacturer for more complete information.

Better to increase tip size first before increasing pressure to eliminate overspray.

THE SEAL OF QUALITY



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Ft. Lauderdale, FL  
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Kingman, AZ

Distribution Warehouse Locations:  
Renton, WA  
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Dallas, TX



At time of manufacture, all containers were filled at the designated quantity. However, due to the reduction in volume that occurs after cooling, settling and other environmental factors, the actual volume may be less. Please see front panel of each container for content information.