Comprehensive guide to Karnak roof systems

Systems Guide
KARNAK offers repair and restoration solutions for all types of roofs. Our products are backed with the expertise necessary to address most common roof issues.

KARNAK products are code-compliant, readily available, easy to apply and help contractors reduce field production costs.

Providing multiple KARNAK system choices allows contractors to match the best system solution for their specific project parameters. KARNAK offers multiple solutions based on budget and roof condition to help maximize a building owner’s return on investment.

KARNAK offers the following free services:
- Specification assistance
- Toll-free technical support at 800-526-4236
- E-mail assistance at info@karnakcorp.com

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asphalt roof systems
Formulated to work together for optimal adhesion and performance on asphalt roofs. These solutions are sustainable and may be re-applied indefinitely.

**FEATURES & BENEFITS**
- Low VOC Content
- Easy clean up
- NSF Rated (601 Only)
- Code compliant
- Energy-Star, CRRC Rated
- Improved water blister resistance (when used with 405)

ACRYLIC
- Finish Coat: 501 Elasto-Brite, 505HS Mohave Coat or 535 QS Enviro-Lastic
- Base Coat: 405 Bond-N-Shield

THERMOPOLASTIC RUBBER
- Finish Coat: 502 RC-W Elasto-Kote Finish Coat (2 coats)
- Base Coat: 405 Bond-N-Shield

SILICONE
- Finish Coat: 670HS Karna-Sil Ultra or 670LS Karna-Sil
- Base Coat: 405 Bond-N-Shield or 180 Epoxy Primer

ELASTOMERIC ALUMINUM
- Finish Coat: 286 Alumin-R
- Base Coat: 220 Fibered Emulsion

For ASPHALT substrates
single ply roof systems

Formulated to work together for optimal adhesion and performance on aged single ply (TPO / PVC / Hypalon) roofs. These solutions are sustainable and may be re-applied indefinitely.
epdm roof systems
Formulated to work together for optimal adhesion and performance on EPDM roofs. These solutions are sustainable and may be re-applied indefinitely.
metal roof systems
Formulated to work together for optimal adhesion and performance on metal roofs. System specific rust inhibiting base coats for metal stop rust formation and reduce restoration costs. These solutions are sustainable and may be re-applied indefinitely.

**FEATURES & BENEFITS**
- Alumin-R – Highly reflective silver film
- Single-coat – less labor
- Energy-Star, CRRC Rated

**ACRYLIC**
- Finish Coat: 501 Elasto-Brite, 505HS Mohave Coat or 535 QS Enviro-Lastic
- Base Coat: 404 Corrosion Proof
- FEATURES & BENEFITS:
  - White – most reflective
  - Smooth finish
  - High pigment, with good hiding power
  - Quick rain resistance (936 only)
  - Substrate specific base coat
  - Water-based, low-odor

**THERMOPLASTIC RUBBER**
- Finish Coat: 502 RC-W Elasto-Kote Finish
- Base Coat: 502 RC-W Elasto-Kote Base
- FEATURES & BENEFITS:
  - White – most reflective
  - Low-VOC Content
  - Easy clean up
  - NSF Rated (501 Only)
  - Code compliant
  - Energy-Star, CRRC Rated
  - Improved water blister resistance (when used with 404)

**SILICONE**
- Finish Coat: 670 HS Karna-Sil Ultra or 670 LS Karna-Sil
- FEATURES & BENEFITS:
  - White – most reflective
  - Low-VOC Content
  - High-temp. resistance
  - High-solids, high-build film

**ELASTOMERIC**
- Finish Coat: 298 Alumin-R
- FEATURES & BENEFITS:
  - Highly reflective silver film
  - Low-cost relative to other offerings
  - Rust inhibitor

**BASE COAT OPTIONS**
- Cleaner: 799 Wash-n-Prep
- Repair: Karna-Flex
- Base Coat: 404 Corrosion Proof
- Finish Coat:
  - 501 Elasto-Brite
  - 505HS Mohave Coat
  - 535 QS Enviro-Lastic
  - 404 Corrosion Proof
  - 406 Corrosion Proof

**FINISH COAT OPTIONS**
- Cleaner: 799 Wash-n-Prep
- Repair: Karna-Flex or Karna-Flex WB
- Base Coat:
  - 502 RC-W Elasto-Kote Base
  - 504 Extreme Kote Base
  - 506 fail-safe Primer
  - 535 QS Enviro-Lastic

**SUBSTRATE SPECIFIC**
- On painted (or other) metal:
  - 180 Epoxy Primer
- On bare galvanized metal:
  - No Base Coat

**SUBSTRATE SPECIFIC BASE COAT**
- Water-based, low-odor
- Low-VOC Content
- Easy clean up
- NSF Rated (501 Only)
- Code compliant
- Energy-Star, CRRC Rated
- Improved water blister resistance (when used with 404)

Call 800-526-4236 or visit karnakcorp.com
spf roof systems
Formulated to work together for optimal adhesion and performance on SPF roofs. These solutions are sustainable and may be re-applied indefinitely.

Note: This represents newly-installed spray foam roofs, which do not require cleaner or repair products. For information about systems for previously-coated spray foam roofs, please contact Karnak.

**SPF Substrates**

**THERMOPLASTIC**

**Base Coat**
- 407 Base Coat
- 502 RC-W Elasto-Kote Base

**Finish Coat**
- 501 Elasto-Brite
- 505HS Mohave Coat
- or 535 QS Enviro-Lastic

**Thermoplastic RUBBER**

**Base Coat**
- 502 RC-W Elasto-Kote Base

**Finish Coat**
- 670HS Karna-Sil Ultra
- or 670LS Karna-Sil

**ACRYLIC**

**Base Coat**
- 600 Elasto-Brite
- 507 Elasto-Mesh Coat

**Finish Coat**
- 407 Elasto-Brite
- or 505HS Mohave Coat

**Features & Benefits**

- White - most reflective
- Low permeance
- High elongation
- Wider temperature application range
- Highly water-blister resistant
- Hail impact rated
- Energy-Star, CRRC Rated
- Improved water blister resistance
- NSF Rated
- Easy clean up
- Single-coat - less labor
- Single-coat - sec. 407

**Silicone**

**Base Coat**
- 407 Base Coat

**Finish Coat**
- 501 Elasto-Brite
- or 505HS Mohave Coat

**Features & Benefits**

- White - most reflective
- Low-VOC Content
- High-temp. resistance
- Single-coat - less labor
- High-solids, high-build film
- Breathable coating
- Withstands ponding water
- Breathable coating
- Energy-Star, CRRC Rated
- Improved water blister resistance
- NSF Rated
- Easy clean up
- Easy clean up
- Single-coat - sec. 407

**Note:** For information about systems for previously-coated spray foam roofs, please contact Karnak.
concrete roof systems
Formulated to work together for optimal adhesion and performance on concrete roofs. These solutions are sustainable and may be re-applied indefinitely.