



## Tech Data Sheet

# KOOLFLEX NORTH KF-607 CANADA SILICONE ROOF COATING

### Basic Uses & Description:

**KoolFlex 607 NORTH** Silicone Coating is 100% solids, fluid-applied, single-component elastomeric, and manufactured for Canadian applications. It cures into a seamless, waterproof membrane that delivers long-term protection against UV exposure, ponding water, and harsh weather conditions.

The system provides long-term protection because it resists weathering, aging, oxidation, wind-driven sand, rain and snow, the effects of ozone, ultraviolet radiation and the temperature extremes typically found on roofs. The 100% Silicone Roof Coating High Solids is available in three standard colors, including White, Bron and Gray.

#### Engineered for Cold Climates:

Formulated for Canadian conditions with superior flexibility and adhesion in freeze-thaw cycles.

#### Seamless Waterproofing:

100% solids coating delivers durable, ponding-water and UV resistance in harsh environments.

#### Cool Roof Compliant:

High reflectivity with white, gray, and brown color options for both flat and sloped roofs.

#### Multi-Surface Versatility:

Adheres to metal, BUR, SPF, TPO, PVC, EPDM, and concrete with strong primer compatibility.

### Applications & Uses:

Ideal for use as a maintenance coating system to seal and repair existing low slope roofs.

Provides a seamless water seal, protection against leaks, permanent ponding water and the damaging effects of severe weather on roofs and other substrates including:

- Masonry
- Concrete
- Metal
- Vertical walls
- Single-ply membranes
  - » TPO
  - » PVC
  - » Hypalon
  - » EPDM
  - » Modified-bitumen
  - » Smooth and granulated surface BUR
- Sprayed-on urethane foam

### Spray Equipment:

A airless sprayer capable of producing a 2000-3000 PSI should be used.

Hoses should have a minimum I.D. of 3/4" and an adequate working pressure. The spray gun should have reverse-a-clean spray tip, having a minimum orifice of .030 and a 50\* fan tip.

### Application:

#### PREP:

All surfaces to be coated must be clean and dry; chemical cleaners, power-washing and/or priming the surface may be necessary to ensure optimal adhesion for some substrates. Any damaged membranes, flashings, and penetration points must be properly repaired and sealed prior to application. Low water ponding areas should also be repaired to avoid future water ponding.

#### MIX:

Mix well before using until a uniform consistency and color is achieved. A power mixer is recommended for quantities larger than one gallon. color is achieved. A power mixer is recommended for quantities larger than one gallon.

**DO NOT THIN** - The addition of thinners or other additives will alter the intended performance and void all warranties.

#### APPLY:

A minimum of 1 or 2 coats are required applied at 1.35 gal/100sq. ft. (0.55ltr/sq.m) with a minimum DFT of 22mils over existing roofing substrates or 2.8gal/100sq.ft (1.13ltr/sq.m) 45mils DFT over other substrates such as concrete or plywood. To help ensure even coverage, a different color may be used for the first coat to create a color contrast. Apply by brush, roller or spray. Allow the first coat to dry for 3 to 12 hours prior to re-application.

Use a 1/2" nap roller cover- dip roller directly into pail and apply, or pour product onto flat roof surface and roll out evenly, or -spread with an 1/8" notched squeegee then immediately back roll for a smooth, even finish. Alternatively, apply with airless sprayer sprayed evenly to achieve consistent coverage.

Textured surfaces may require additional coat/s to achieve a final minimum 22 mil dry film build.





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### Packaging Sizes:

**KoolFlex North** Silicone Roof Coating is available in 50 gallon and 5 gallon containers.

### Maintenance:

The life of the roof may be extended by regularly scheduled maintenance. A roof should typically be inspected at least twice a year. The roof immediately needs to be inspected following severe weather and extraordinary maintenance on roof-mounted equipment.

### Weather Restrictions & Dry Time:

It is recommended not to apply in temperatures less than 40 degrees Fahrenheit; do not apply if rain is expected within four hours of application. If applied in lower temperatures, the cure time may be affected.

Allow the first coat of KoolFlex North to dry for 3 to 12 hours. Re-coat as soon as the first coat can be walked on without causing damage. NOTE: drying time depends on weather conditions such as temperature, humidity and air movement.

### Storage:

For best results use within two (2) years of date of manufacture; store in unopened containers between 40 - 85 F (4 - 29 C). Once the material is open, the curing process has begun, and the entire container should be used. Allow leftover material to solidify and dispose of according to local and state regulations.

### General Spec Info:

COLOR: Standard; White, Grey and Brown.

WEATHERABILITY: Excellent durability, color stability, UV and chalk resistance.

TOXICITY: Not for use in contact with edible substances or potable water.

ADHESION: Bonds to suitably prepared and primed surfaces such as aged asphalt, aged EPDM, aged cap sheet, composite, concrete, fiberglass, metal, modified bitumen, sprayed polyurethane foam and most existing coatings on flat or sloped roofs.

ELONGATION: 200% ± 10%

TEAR RESISTANCE: ASTM D1624 Die C lbs/inch 32 pli (5.7 kg(f)/cm)

HARDNESS: ASTM D676 50 Shore A

### Clean Up:

All equipment can be cleaned using 100% mineral spirits. Do not use water or reclaimed solvents.

### Limited Warranty Information:

Available warranties include Full System Limited Warranties that range from 5 to 20 years. For warranty details, contact your Kool Coats representative.

REVISED DATE: JAN. 2025

*The information reported herein are based upon information reasonably available to Kool Coats at the time publication, and are presented in good faith but are not to be construed as warranties or guarantees, expressed or implied.*