



TOPSHOT ACRYLIC SERIES

ACRYLIC SYSTEMS GUIDE

KOOLCOATS.COM



COATING OPTIONS AND COMPARISON



502 CERAMIC

ENHANCED REFLECTION ACRYLIC COATING

- Ultra reflectivity for maximized energy savings and UV resistance
- Strong surface adhesion
- 10 Year standard life goal

BEST FOR: Owners wanting cost effective reflectivity protection for 10 years and contractors wanting cost-effective options.



503 CORE RAIN SAFE

1-HOUR RAIN SAFE STANDARD ACRYLIC

- Improve coating opportunity during inclement weather
- Excellent dirt resistance
- Value-based option

BEST FOR: Owners wanting cost effective option of acrylic and contractors wanting to expand coating opportunities in inclement weather periods.



507 APEX

SILICONE-MODIFIED ACRYLIC COATING

- High tensile strength and elongation
- Excellent dirt resistance
- 1 pass capability
- Reduces surface heat

BEST FOR: Owners wanting extra durability and longevity and contractors looking for more efficient applications.

ATTRIBUTES	502 CERAMIC	503 CORE	507 APEX
PRODUCT TYPE	Enhanced Reflection Acrylic	100% Acrylic - 1 hr Rain Safe	Silicone-Modified Acrylic
TERM OPTIONS	10 Year	10, 15 or 20 year	10, 15, or 20 year
REFLECTIVITY (SRI)	90 (initial)	100 (initial)	105 (initial) / 102 (aged)
ELONGATION	300%	250%	500%
TENSILE STRENGTH	200 psi	300 psi	440 psi
VOLUME SOLIDS	55%	53%	52%
VOC CONTENT	50 g/L	50 g/L	50 g/L
PACKAGE SIZES	5, 55, 275 gal	5, 55, 275 gal	5, 55, 275 gal
KEY DISTINCTION	Ceramic microsphere integration for ultra reflectivity	Dirt resistance, UV Stability Applicable within 1 hour of rain	Enhanced UV, scrub and ponding resistance. Long-term durability.



PRODUCT COVERAGE GUIDES

TOPSHOT 502 CERAMIC

Cermamic enhanced acrylic for maximum reflectivity and 10 year weather resistance.

SYSTEM TERM	TOTAL RATE (GAL/SQ)	PASSES	DFT MILS
10 YEARS	2.5	2	24

TOPSHOT 503 CORE *RAIN SAFE*

Can be applied within 1 hour of inclement rain!
Standard 100% acrylic roof coating. Excellent dirt resistance, UV stability, and long-term flexibility. Ideal for standard commercial applications.

SYSTEM TERM	METAL, PVC, HYPALON, TPO, CONCRETE			MODIFIED BITUMEN		
	RATE	PASSES	DFT	RATE	PASSES	DFT
10 YEARS	3.0	1	28	3.5	1	28
15 YEARS	4.0	2	38	4.5	2	38
20 YEARS	5.0	3	48	5.5	3	48

TOPSHOT 507 APEX

Silicone modified. High tensile strength and elongation. Excellent adhesion. Our most versatile acrylic for reliable, long-term protection.

SYSTEM TERM	TOTAL RATE (GAL/SQ)	PASSES	DFT MILS
10 YEARS	2.0	1	20
15 YEARS	2.75	1	27
20 YEARS	3.5	2	34

COVERAGE RATES ARE PER ROOFING SQUARE (100 SQ. FT.)
CONFIRM PROJECT SPECIFICATIONS BEFORE APPLICATION.

RATES ARE APPROVED FOR THE FOLLOWING SUBSTRATES: ☒ METAL ☒ PVC ☒ HYPALON ☒ TPO ☒ MODBIT ☒ CONCRETE
UNLESS OTHERWISE NOTED

SPRAYABLE MASTICS

430 SPRAYABLE MASTIC

Fibered, sprayable mastic for efficient application and build.

WFT/DFT	LIN FT / GAL
80 / 45	80

400 KWIKSHOT RUBBER

Fibered, sprayable rubber for superior flex strength at seams and details.

WFT /DFT	LIN FT / GAL
60 / 30	80



TOPSHOT ACRYLIC ROOF COATINGS

COATINGS ECONOMICS LOGIC

See how the published coverage rates translate to real project costs so you can compare systems and make informed decisions.

We grow your margins by what matters;
cost per square, not gallon price.

$$\$/\text{GAL.} \times \text{GAL} / \text{SQ.} = \$/\text{SQ.}$$

EXAMPLE PROJECTS | ROOF SIZE: 40,000 SQ. FT. R PANEL METAL ROOF

10 YEAR SYSTEM: 502 CERAMIC | 2 PASSES | TOTAL 2.5 GAL/ SQ

1. CONVERT ROOF AREA

400 SQUARES

40,000 sq. ft. ÷ 100 = 400 squares



2. CALCULATE REQUIRED COATING

1,000 GALLONS

400 squares x 2.5 gal/sq = 1,000 gal



3. PLAN THE ORDER

4 TOTES (275 GAL EACH)

1,000 gal ÷ 275 gal/tote = 3.64 (4) totes



4. CALCULATE MATERIAL COST

\$49.54 PER SQUARE

Tote tier price: \$5,450 ÷ 275 gal = \$19.82 / gal
\$19.82 / gal x 2.5 gal / sq = \$49.54

15 YEAR SYSTEM: 507 APEX | 1 PASS | TOTAL 2.75 GAL/ SQ

1. CONVERT ROOF AREA

400 SQUARES

40,000 sq. ft. ÷ 100 = 400 squares



2. CALCULATE REQUIRED COATING

1,100 GALLONS

400 squares x 2.75 gal/sq = 1,100 gal



3. PLAN THE ORDER

4 TOTES (275 GAL EACH)

1,100 gal ÷ 275 gal/tote = 3.64 (4) totes



4. CALCULATE MATERIAL COST

\$80.50 PER SQUARE

Tote tier price: \$8,050 ÷ 275 gal = \$29.27 / gal
\$29.27 / gal x 2.75 gal / sq = \$80.50

20 YEAR SYSTEM: 507 APEX | 2 PASSES | TOTAL 3.5 GAL/ SQ

1. CONVERT ROOF AREA

400 SQUARES

40,000 sq. ft. ÷ 100 = 400 squares



2. CALCULATE REQUIRED COATING

1,400 GALLONS

400 squares x 3.5 gal/sq = 1,400 gal



3. PLAN THE ORDER

5 TOTES (275 GAL EACH)

1,400 gal ÷ 275 gal/tote = 5.09 (5) totes



4. CALCULATE MATERIAL COST

\$102.45 PER SQUARE

Tote tier price: \$8,050 ÷ 275 gal = \$29.27 / gal
\$29.27 / gal x 3.5 gal / sq = \$102.45



TOPSHOT ACRYLIC ROOF COATINGS

BUILD THE COMPLETE SYSTEM

1

CLEAN & PREP

Remove dirt, debris, grease, etc. Wash. Let dry.

2

PRIME

Use primer based on specific substrate requirements.

3

SEAL DETAILS

Seal seams and details with our sprayable mastic products.

CLEANERS



100 PROWASH

A concentrated, water-based roof cleaner formulated to remove dirt, debris, mildew, grease, and surface contaminants from roofing substrates prior to coating.

PRIMERS



309 RUST CONVERTER

For use on METAL roofs to convert and stabilize rust and corrosion where present.



303 BLEED BLOCK & ALL PURPOSE

Fills small cracks and irregularities while providing strong adhesion and bleed-blocking performance over asphaltic substrates. Use on:

PVC, EPDM, Hypalon, ModBit, BUR, and Concrete



405 KWIKSHOT RUBBER

SPRAYABLE WATERPROOF PRIMER & BASECOAT

Applied at 1.5 gal/sq, it serves as a sprayable primer and a full-field, waterproof basecoat beneath acrylic coatings. 1200% elongation and high mechanical strength helps absorb roof movement before it reaches the acrylic topcoat. Use on:

Metal, PVC, Hypalon, ModBit, EPDM, and Concrete

MASTICS



430 SPRAYABLE MASTIC

Sprayable, Self-Leveling Performance: Applies efficiently by spray or roller, levels smoothly, and resists sag on pitched roofs. Seals and bridges gaps up to 1/8". **Designed to integrate with TopShot coatings** to create durable, reflective, monolithic roof systems.



400 KWIKSHOT RUBBER

SPRAYABLE FIBRILLATED SEAM PREP

Sprayable, internally reinforced, waterproof rubber engineered for seams and high-movement roof details. **900% elongation and great strength** on seams. Seals and bridges gaps up to 1/8". Stop three-coursing your roofs.



410 KWIKSHOT TROWEL GRADE 203 KWIKSHOT CAULK GRADE

Thick-bodied waterproofing designed for penetrations, transitions, gaps, and other areas where spray application isn't practical. Bridges gaps up to 1/4." **200% elongation. 200 psi tensile strength. 59% volume solids.**



420 TOPMASTIC

A brushable or trowel grade acrylic mastic that offers excellent elongation and UV resistance (will not yellow). It's easy to apply, impermeable, fungi resistant, and adheres to most surfaces. Can be used with reinforcement fabric for gaps over 1/4".



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877.397.1496

WE'VE GOT YOU COVERED