



Coating over Metal Roof: 5-Year System

Corrugated, Standing Seam, & R-Panel

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base or Black Primer	1 gallons/SQ	1 x ___ SQs = ___ Gallons
Acrylic White	1.5 gallons/SQ	1.5 x ___ SQs = ___ Gallons
Acrylic Gel	As Needed	

For ribs, multiply sqf. By 1.3

NOTE: 1 SQ = 100 sq. ft.

Always consult your Metacrylics® rep or contact Metacrylics for full system specifications.

General Application Guidelines

1. Wire brush and remove any flaking rust
2. Inspect roof for open joints, laps, holes etc. and repair flaws so water does not enter the building. Use Metacrylics Acrylic Gel and Polyester fabric as 3-course method to reinforce, seal, or repair needed areas.
3. Thoroughly pressure wash roof.
4. Tighten or replace all exposed fasteners where needed. Add additional fasteners to tighten loose panels to restore original design intent. Apply Metacrylics® Acrylic Gel over fasteners to encapsulate and seal fastener.
5. Seal around penetrations, drains and such with Metacrylics® Acrylic Gel
6. Seams: Apply foot pressure to under lapping panel next to joint. If joint opens more than 1/16-inch, add fasteners to tighten the opening. 3-Course all bad or buckled field seams with alternating layers of Metacrylics® Acrylic Base & polyester fabric. Otherwise, fill all seams with Metacrylics® Acrylic Gel.
7. Apply Metacrylics® Clear Base @ 1 gallons/SQ to the entire roof. Allow 4-12 hours to cure. If the metal has rust, use rust-inhibiting Metacrylics® Black Primer and apply at the same rate.
8. Apply Metacrylics® Acrylic White @ 1.5 gallons/SQ over the Clear Acrylic Base and/or Black Primer. Allow 24-48 hours to cure.



Coating over Metal Roof: 10-Year System

Corrugated, Standing Seam, & R-Panel

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base or Black Primer	1 gallons/SQ	1 x ___ SQs = ___ Gallons
Acrylic White	2 gallons/SQ	2 x ___ SQs = ___ Gallons
Gel & Fabric		As Needed
Peel & Coat		As Needed

For ribs, multiply sqf. By 1.3

NOTE: 1 SQ = 100 sq. ft.

Always consult your Metacrylics® rep or contact Metacrylics® for full system specifications.

General Application Guidelines

1. Wire brush and remove any flaking rust.
2. Inspect roof for open joints, laps, holes etc. and repair flaws so water does not enter the building. Use Metacrylics Acrylic Gel and Polyester fabric as 3-course method to reinforce and seal/repair needed areas.
3. Thoroughly pressure wash roof, especially oxidized areas.
4. 3-course penetration detail (see Metacrylics® Penetration Detail Instructions)
5. Tighten loose screws or and replace missing screws.
6. Seams: Apply foot pressure to under lapping panel next to joint. If joint opens more than 1/16-inch, add fasteners to tighten the opening. 3-course all field seams and end-laps with alternating layers of Metacrylics Acrylic Gel and polyester fabric.
7. Ridge Caps: Replace missing ridge cap gaskets as needed; 3-course ridge cap closure cavity with alternating layers of Metacrylics Acrylic Gel and polyester fabric
8. Apply Metacrylics Gel around exposed screws/fasteners or 3-course over screws/fasteners with Metacrylics Gel and fabric
9. Apply Metacrylics® Clear Base (or Black Primer if the metal has rust) @ 1 gallons/SQ to the entire roof, including parapet walls, flashings, and HVAC ducting. Allow 4-12 hours to cure.
10. Apply Metacrylics® Acrylic White @ 2 gallons/SQ. Apply to parapet walls, flashings, and ductwork. Allow 24-48 hours between applications.

Coating over Metal Roof: 15-Year System

Corrugated, Standing Seam, & R-Panel

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base or Black Primer	1 gallons/SQ	1 x ___ SQs = ___ Gallons
Acrylic White	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Gel & Fabric		As Needed
Peel & Coat		As Needed

For ribs, multiply sqf. By 1.3

NOTE: 1 SQ = 100 sq. ft.

Always consult your Metacrylics® rep or contact Metacrylics® for full system specifications.

General Application Guidelines

1. Wire brush and remove any flaking rust.
2. Inspect roof for open joints, laps, holes etc. and repair flaws so water does not enter the building. Use Metacrylics Acrylic Gel and Polyester fabric as 3-course method to reinforce, seal, or repair needed areas. Thoroughly pressure wash roof, especially oxidized areas.
3. 3-course penetration detail (see Metacrylics® Penetration Detail Instructions)
4. Tighten or replace all exposed fasteners where needed. Add additional fasteners to tighten loose panels to restore original design intent. Apply Metacrylics Acrylic Gel over fasteners to encapsulate and seal fastener. Replace missing ridge cap gaskets as needed; 3-course ridge cap closure cavity with alternating layers of Metacrylics Acrylic Gel and polyester fabric.
5. Seams: Apply foot pressure to under lapping panel next to joint. If joint opens more than 1/16-inch, add fasteners to tighten the opening. 3-course all horizontal field seams and end-laps with alternating layers of Metacrylics Acrylic Gel and polyester fabric.
6. Apply Metacrylics® Clear Base (or Black Primer if the metal has rust) @ 1 gallons/SQ to the entire roof, including parapet walls, flashings, and ductwork. Allow 4-24 hours to cure.
7. Apply Metacrylics® Acrylic White @ 3 gallons/SQ at a rate of 1.5 gallons per coat. Apply to parapet walls, flashings, and ductwork. Allow 24-48 hours between applications. Note: Based on pitch of roof the application rates of Top Coats may need to be reduced and require more coats applied to achieve required 3 gallons/SQ.



Coating over Metal Roof: 20-Year System

Corrugated, Standing Seam, & R-Panel

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base or Black Primer	1 gallons/SQ	1 x ___ SQs = ___ Gallons
Acrylic White	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Gel & Fabric		As Needed
Peel & Coat		As Needed

For ribs, multiply sqf. By 1.3

NOTE: 1 SQ = 100 sq. ft.

Always consult your Metacrylics® rep or contact Metacrylics® for full system specifications.

General Application Guidelines

1. Wire brush and remove any flaking rust.
2. Inspect roof for open joints, laps, holes etc. and repair flaws so water does not enter the building. Use Metacrylics Acrylic Gel and Polyester fabric as 3-course method to reinforce, seal, and repair needed areas. Thoroughly pressure wash roof, especially oxidized areas.
3. 3-course penetration detail (see Metacrylics® Penetration Detail Instructions)
4. Fasteners: Tighten or replace all exposed fasteners where needed. Add additional fasteners to tighten loose panels to restore original design intent. Apply Metacrylics Acrylic Gel over fasteners to encapsulate and seal fastener. Ridge Caps: Replace missing ridge cap gaskets as needed; 3-course ridge cap closure cavity with alternating layers of Metacrylics Acrylic Gel and polyester fabric
5. Seams: Apply foot pressure to under lapping panel next to joint. If joint opens more than 1/16-inch, add fasteners to tighten the opening. 3-course all horizontal field seams and end-laps with alternating layers of Metacrylics Acrylic Gel and polyester fabric.
6. Apply Metacrylics® Clear Base (or Black Primer if the metal has rust) @ 1 gallons/SQ to the entire roof, including parapet walls, flashings, and ductwork. Allow 4-12 hours to cure.
7. Apply Metacrylics® Acrylic White @ 4 gallons/SQ in two applications at a rate of 2 gallons. Apply to parapet walls, flashings, and ductwork. Allow 24-48 hours between applications. Note: Based on pitch of roof the application rates of Top Coats may need to be reduced and require more coats applied to achieve required 4 gallons/SQ.



Coating over Metal Roof: 30-Year System

Corrugated, Standing Seam, & R-Panel

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base or Black Primer	1 gallons/SQ	1 x ___ SQs = ___ Gallons
Acrylic White	6 gallons/SQ	6 x ___ SQs = ___ Gallons
Gel & Fabric		As Needed
Peel & Coat		As Needed

For ribs, multiply sqf. By 1.3

NOTE: 1 SQ = 100 sq. ft.

Always consult your Metacrylics[®] rep or contact Metacrylics[®] for full system specifications.

General Application Guidelines

1. Wire brush and remove any flaking rust.
2. Inspect roof for open joints, laps, holes etc. and repair flaws so water does not enter the building. Use Metacrylics Acrylic Gel and Polyester fabric as 3-course method to reinforce, seal and repair needed areas. Thoroughly pressure wash roof, especially oxidized areas.
3. 5-course penetration detail (see Metacrylics[®] Penetration Detail Instructions)
4. Tighten or replace all exposed fasteners where needed. Add additional fasteners to tighten loose panels to restore original design intent. Apply Metacrylics Acrylic Gel over fasteners to encapsulate and seal fastener. Replace missing ridge cap gaskets as needed; 3-course ridge cap closure cavity with alternating layers of Metacrylics Acrylic Gel and polyester fabric
5. Seams: Apply foot pressure to under lapping panel next to joint. If joint opens more than 1/16-inch, add fasteners to tighten the opening. 3-course all field seams and end-laps with alternating layers of Metacrylics Acrylic Gel and polyester fabric.
6. Apply Metacrylics[®] Clear Base (or Black Primer if the metal has rust) @ 1 gallons/SQ to the entire roof, including parapet walls, flashings, and ductwork. Allow 4-12 hours to cure.
7. Apply Metacrylics[®] Acrylic White @ 6 gallons/SQ in three applications at a rate of 2 gallons. Apply to parapet walls, flashings, and ductwork. Allow 24-48 hours between applications. Note: Based on pitch of roof the application rates of Top Coats may need to be reduced and require more coats applied to achieve required 6 gallons/SQ.