



Coating over Spray Polyurethane Foam Roof: 5-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base	1 gallons/SQ	1 x ___ SQs = ___ Gallons
Acrylic White	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Acrylic Gel	As Needed	

NOTE: 1 SQ = 100 sq. ft.

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

General Application Guidelines

1. Thoroughly pressure wash roof. All saturated foam areas must be removed and replaced with similar materials of equal thickness.
2. Pressure wash roof. If the roof cannot be pressure washed, then thoroughly wash the surface with TSP or similar cleaner to remove oxidation and residue.
3. Apply Metacrylics[®] Clear Base @ 1 gallons/SQ to the entire roof. Allow 4-12 hours to cure.
4. Apply Metacrylics[®] Acrylic White @ 3 gallons/SQ over the Clear Acrylic Base in two applications at the rate of 1.5 gallons. Allow 24-48 hours to cure between applications.



Metacrylics[®]
energy efficient coatings

Coating over Spray Polyurethane Foam Roof: 10-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Acrylic White	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Acrylic Gel	As Needed	

NOTE: 1 SQ = 100 sq. ft.

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

General Application Guidelines

1. Thoroughly pressure wash roof. All saturated foam areas must be removed and replaced with similar materials of equal thickness.
2. Pressure wash roof. If roof cannot be pressure washed, then thoroughly wash the surface with TSP or similar cleaner to remove oxidation and residue.
3. Apply Metacrylics[®] Clear Base @ 3 gallons/SQ to the entire roof. Allow 24-48 hours to cure.
4. Reinforce ponding areas with Metacrylics Acrylic Clear Base & polyester fabric. Embed polyester fabric into wet Clear Base and apply 1 gallon/SQ over fabric to saturate and encapsulate fabric.
5. 3-course penetration details (see Metacrylics[®] Penetration Detail Instructions).
6. Apply Metacrylics[®] Acrylic White @ 3 gallons/SQ over the Clear Acrylic Base in two application at the rate of 1.5 gallons/SQ. Allow 24-48 hours to cure between applications.



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Coating over Spray Polyurethane Foam Roof: 15-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base	5 gallons/SQ	5 x ___ SQs = ___ Gallons
Acrylic White	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Stitchbond Fabric	1 SQ/SQ	1 x ___ SQs = ___ SQs
Acrylic Gel & Fabric	As Needed	

NOTE: 1 SQ = 100 sq. ft.

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General Application Guidelines

1. Thoroughly pressure wash roof. All saturated foam areas must be removed and replaced with similar materials of equal thickness.
2. Pressure wash roof. If the roof cannot be pressure washed, then thoroughly wash the surface with TSP or similar cleaner to remove oxidation and residue.
3. Apply Metacrylics[®] Clear Acrylic Base @ 2.5 gallon/SQ to the entire roof and embed Polyester Fabric with a brush or broom while coating is wet. Immediately apply Metacrylics Acrylic Clear Base over fabric at the rate of 2.5 gallon/SQ in order to saturate and encapsulate the fabric. Allow 24-48 hours to cure.
4. 3-course penetration details (see Metacrylics[®] Penetration Detail Instructions).
5. Apply Metacrylics[®] Acrylic White @ 4 gallons/SQ over the Clear Acrylic Base in two applications at the rate of 2 gallon/SQ each. Allow 24-48 hours to cure between applications.



Coating over Spray Polyurethane Foam Roof: 20-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base	5 gallons/SQ	5 x ___ SQs = ___ Gallons
Acrylic White	6 gallons/SQ	6 x ___ SQs = ___ Gallons
Stitchbond Fabric	1 SQ/SQ	1 x ___ SQs = ___ SQs
Acrylic Gel	As Needed	

NOTE: 1 SQ = 100 sq. ft.

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

General Application Guidelines

1. Thoroughly pressure wash roof. All saturated foam areas must be removed and replaced with similar materials of equal thickness.
2. Pressure wash roof. If roof cannot be pressure washed, then thoroughly wash the surface with TSP or similar cleaner to remove oxidation and residue.
3. Apply Metacrylics® Clear Acrylic Base @ 2.5 gallon/SQ to the entire roof and embed Polyester Fabric with a brush or broom while coating is wet. Immediately apply Metacrylics Acrylic Clear Base over fabric at the rate of 2.5 gallon/SQ in order to saturate and encapsulate the fabric. Allow 24-48 hours to cure.
4. 3-course penetration details (see Metacrylics® Penetration Detail Instructions).
5. Apply Metacrylics® Acrylic White @ 6 gallons/SQ over the Clear Acrylic Base in three applications at the rate of 2 gallon/SQ each. Allow 24-48 hours to cure between applications.



Coating over Spray Polyurethane Foam Roof: 30-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Clear Base	7.5 gallons/SQ	7.5 x ___ SQs = ___ Gallons
Acrylic White	8 gallons/SQ	8 x ___ SQs = ___ Gallons
Stitchbond Fabric	2 SQ/SQ	2 x ___ SQs = ___ SQs
Acrylic Gel	As Needed	

NOTE: 1 SQ = 100 sq. ft.

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

General Application Guidelines

1. Thoroughly pressure wash roof. All saturated foam areas must be removed and replaced with similar materials of equal thickness.
2. Pressure wash roof. If roof cannot be pressure washed, then thoroughly wash the surface with TSP or similar cleaner to remove oxidation and residue.
3. Apply to entire roof 2.5 gallons/SQ Clear Acrylic Base and embed Stitchbond polyester fabric using a brush or broom. Immediately apply 2.5 gallons/SQ Clear Acrylic Base over the fabric and embed the second layer of fabric into wet Clear Base using a brush or broom. Allow 48 hours cure time.
4. 5-course penetration details (see Metacrylics[®] Penetration Detail Instructions).
5. Apply Metacrylics Acrylic Clear Base at the rate of 2.5 gallons/SQ to encapsulate the exposed fabric.
6. Apply Metacrylics[®] Acrylic White @ 8 gallons/SQ over the Clear Acrylic Base in four applications @ 2 gallons/SQ each application. Also Apply to parapet walls, flashing, and HVAC ducting. Allow at least 24 hours to cure between applications.