



Coating over TPO Roof: 5-Year System

Materials Needed:

Product	Application Rate	Application Calculator
TPO Primer	0.3 gallons/SQ	0.3 x ___ SQs = ___ Gallons
Acrylic White	2 gallons/SQ	2 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.
2. Apply Metacrylics[®] TPO Primer @ 0.3 gallons/SQ to the entire roof. Allow 4-8 hours to cure.
3. All roof top penetrations need to be sealed with Metacrylics Acrylic Gel or 3-coursed with Acrylic Base and fabric. Field seams that are identified as bad or buckled should be 3-coursed with Acrylic Gel and fabric
4. Apply Metacrylics[®] Acrylic White @ 2 gallons/SQ over the Clear Acrylic Base. Allow 24-48 hours to cure.



Coating over TPO Roof: 10-Year System

Materials Needed:

Product	Application Rate	Application Calculator
TPO Primer	0.3 gallons/SQ	0.3 x ___ SQs = ___ Gallons
Acrylic White	3 gallons/SQ	3 x ___ SQs = ___ Gallons
9" Stitchbond Fabric & Clear Acrylic Base	As needed for all seams	
Acrylic Gel & Fabric	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.
2. Apply Metacrylics[®] TPO Primer @ 0.3 gallons/SQ to the entire roof, including parapet walls, flashings, and HVAC ducting. Allow 4-12 hours to cure.
3. 3-course penetration detail (see Metacrylics[®] Penetration Detail Instructions)
4. Measure the lineal footage of all of the TPO seams and 3-course with Metacrylics[®] Clear Base and 9" Stitchbond Polyester Fabric. Apply Metacrylics[®] Clear Acrylic Base @ 2 gallon/SQ to field seams and embed 9" Polyester Fabric with a brush or broom while coating is wet. Immediately apply Metacrylics Acrylic Clear Base over fabric at the rate of 1 gallon/SQ in order to saturate and encapsulate the fabric. Use a brush or broom to embed the fabric into the Clear Base.
5. Apply Metacrylics[®] Acrylic White @ 3 gallons/SQ in two applications of 1.5 gallons/SQ each. Apply to parapet walls, flashings, and HVAC ducting. Allow 24-48 hours between applications.



Coating over TPO Roof: 15-Year System

Materials Needed:

Product	Application Rate	Application Calculator
TPO Primer	0.3 gallons/SQ	0.3 x ___ SQs = ___ Gallons
Clear Acrylic Base	3 gallon/SQ	3 x ___ SQs = ___ Gallons
Acrylic White	3.5 gallons/SQ	3.5 x ___ SQs = ___ Gallons
Stitchbond Fabric	1 SQ/1SQ	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.
2. Apply Metacrylics® TPO Primer @ 0.3 gallons/SQ to entire roof. Allow 4-12 hours to cure.
3. 3-course penetration detail (see Metacrylics® Penetration Detail Instructions).
4. Apply to entire roof 2 gallons/SQ Clear Acrylic Base and embed Stitchbond polyester fabric using a brush or broom. Immediately, apply 1 gallon/SQ of Metacrylics® Acrylic Clear Base over the Stitchbond Polyester to saturate and encapsulate the fabric. Allow 24-48 hours curing time.
5. Apply 3.5 gallons/SQ Metacrylics® Acrylic White in two applications of 1.75 gallons/SQ each application. Allow 24-48 hours curing time between applications.



Coating over TPO Roof: 20-Year System

Materials Needed:

Product	Application Rate	Application Calculator
TPO Primer	0.3 gallons/SQ	0.3 x ___ SQs = ___ Gallons
Clear Acrylic Base	4 gallon/SQ	4 x ___ SQs = ___ Gallons
Acrylic White	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Stitchbond Fabric	1 SQ/1SQ	1 x ___ SQs = ___ SQs
Acrylic Gel & Fabric	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.
2. Apply Metacrylics[®] TPO Primer @ 0.3 gallons/SQ to entire roof. Allow 4-12 hours to cure.
3. 3-course penetration detail (see Metacrylics[®] Penetration Detail Instructions).
4. Apply Metacrylics[®] Clear Acrylic Base @ 2 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 gallon/SQ in order to saturate and encapsulate the fabric. Allow 24-48 hours to cure.
5. Apply Metacrylics[®] Acrylic White @ 4 gallons/SQ over the Clear Acrylic Base in two applications at the rate of 2 gallons/SQ per coat. Also Apply to parapet walls, flashing, and HVAC ducting and any other objects to be coated. Allow at least 24 hours to cure between applications.



Coating over TPO Roof: 30-Year System

Materials Needed:

Product	Application Rate	Application Calculator
TPO Primer	0.3 gallons/SQ	0.3 x ___ SQs = ___ Gallons
Clear Acrylic Base	6 gallon/SQ	6 x ___ SQs = ___ Gallons
Acrylic White	7 gallons/SQ	7 x ___ SQs = ___ Gallons
Stitchbond Fabric	2 SQ/1SQ	2 x ___ SQs = ___ SQs
Acrylic Gel & Fabric	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.
2. Apply TPO Primer @ 0.3 gallons/SQ to entire roof. Allow 4-12 hours to cure.
3. 5-course penetration detail (see Metacrylics[®] Penetration Detail Instructions).
4. Apply to entire roof 2 gallons/SQ Clear Acrylic Base and embed Stitchbond polyester fabric using a brush or broom. Immediately apply 2 gallons/SQ Clear Acrylic Base over the Stitchbond polyester fabric and embed the 2nd layer of fabric into wet Clear Base using a brush or broom. Allow 48 hours cure time.
5. Apply Metacrylics[®] Acrylic Base at the rate of 2 gallons/SQ to encapsulate the exposed fabric.
6. Apply Metacrylics[®] Acrylic White @ 7 gallons/SQ over the Clear Acrylic Base in four applications @ 1.75 gallons/SQ each application. Also apply to parapet walls, flashing, and HVAC ducting. Allow at least 24 hours to cure between applications.