



Coating over TPO Roof: 10-Year System

Materials Needed:

Product	Application Rate	Application Calculator
TPO Primer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
HS Silicone White	2 gallons/SQ	2 x ___ SQs = ___ Gallons
Silicone Gel	As needed for field seams & penetrations	
Polyester 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 @ 0.25 gallons/SQ to the entire roof, including parapet walls, flashings, and HVAC ductwork. Allow 4-8 hours to cure.
3. Penetration details (see Metacrylics[®] Penetration Detail Instructions or CAD Details)
4. Measure the lineal footage of all of the TPO seams and 3-course with Metacrylics[®] HS Silicone and 6" Polyester Fabric (use a brush to embed the fabric into the Silicone) OR apply Silicone Gel to field seams at the rate of 1 gallon per 100 lineal foot (no fabric reinforcement needed in Silicone Gel).
5. Apply Metacrylics[®] HS Silicone White @ 2 gallons/SQ in a single application. Apply to parapet walls, flashings, HVAC ductwork and all areas to be coated. Vertical surfaces will require 2 coats at 1 gallon/SQ per coat to prevent sagging. Allow 24 hours between applications.



Coating over TPO Roof: 15-Year System

Materials Needed:

Product	Application Rate	Application Calculator
TPO Primer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
HS Silicone White	2.5 gallon/SQ	2.5 x ___ SQs = ___ Gallons
Silicone Gel	As needed for field seams & penetrations	
Polyester 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 @ 0.25 gallons/SQ to entire roof. Allow 4-8 hours to cure.
3. Penetration detail (see Metacrylics® Penetration Detail Instructions or CAD Details).
4. Measure the lineal footage of all of the TPO seams and 3-course with Metacrylics® HS Silicone and 6" Polyester Fabric (use a brush to embed the fabric into the Silicone) OR apply Silicone Gel to field seams at the rate of 1 gallon per 100 lineal foot (no fabric reinforcement needed in Silicone Gel).
5. Apply Metacrylics® HS Silicone White @ 2.5 gallons/SQ over the Clear Acrylic Base in two applications at the rate of 1.25 gallons/SQ. Also apply to parapet walls, flashing, HVAC ductworks and any other surfaces to be coated. Allow 24 hours to cure between applications.



Coating over TPO Roof: 20-Year System

Materials Needed:

Product	Application Rate	Application Calculator
TPO Primer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
HS Silicone White	3 gallon/SQ	3 x ___ SQs = ___ Gallons
Silicone Gel	As needed for field seams & penetrations	
Polyester 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 @ 0.25 gallons/SQ to entire roof. Allow 4-8 hours to cure.
3. Penetration details (see Metacrylics[®] Penetration Detail Instructions or CAD details).
4. Measure the lineal footage of all of the TPO seams and 3-course with Metacrylics[®] HS Silicone and 6" Polyester Fabric (use a brush to embed the fabric into the Silicone) OR apply Silicone Gel to field seams at the rate of 1 gallon per 100 lineal foot (no fabric reinforcement needed in Silicone Gel).
5. Apply Metacrylics[®] Acrylic White @ 3 gallons/SQ over the Clear Acrylic Base in two applications at the rate of 1.5 gallons/SQ per coat. Also apply to parapet walls, flashing, HVAC ductworks and any other surfaces to be coated. Allow 24 hours to cure between applications.