



Coating Over New Construction Plywood w/ DensDeck[®]: 15-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Clear Acrylic Base	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Acrylic White	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Acrylic Gel		As Needed
Stitchbond 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 clean plywood of all debris and dust.
2. **CLASS A FIRE RATING:** 3-course all Densdeck field seams with alternating layers of Metacrylics Gel & fabric. **NON CLASS A FIRE RATING:** 3-course all plywood field seams with alternating layers of Metacrylics Gel & fabric.
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 @ 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, and HVAC ducting and any other objects to be coated. Allow at least 24 hours to cure between applications.



Coating Over New Construction Plywood w/ FR-10 Slip-Sheet: 15-Year System, Class A Fire Rated

Materials Needed:

Product	Application Rate	Application Calculator
Clear Acrylic Base	7 gallons/SQ	7 x ___ SQs = ___ Gallons
Acrylic White	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Acrylic Gel		As Needed
Stitchbond 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 clean plywood of all debris and dust.
2. Apply 1.5 gallons/SQ of Metacrylics® Clear Acrylic Base and embed the Atlas FR-10 Slip-Sheet.
3. Apply 1.5 gallons/SQ of Metacrylics® Clear Acrylic Base over the first layer of Atlas FR-10 Slip-Sheet. Immediately embed the second layer of Atlas FR-10 Slip-Sheet. Note: Leave FR10 Slip-Sheet exposed and allow application to dry before further coating application.
4. 3-course penetration detail (see Metacrylics® Penetration Detail Instructions).
5. 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.
6. 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, and HVAC ducting and any other things to be coated. Allow at least 24 hours to cure between applications.



Coating Over New Construction Plywood w/ DensDeck[®]: 20-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Clear Acrylic Base	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Acrylic White	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Acrylic Gel		As Needed
Stitchbond 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 clean plywood of all debris and dust.
2. **CLASS A FIRE RATING:** 3-course all Densdeck field seams with alternating layers of Metacrylics Gel & fabric. **NON CLASS A FIRE RATING:** 3-course all plywood field seams with alternating layers of Metacrylics Gel & fabric.
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 New Construction Plywood w/ FR-10 Slip-Sheet: 20-Year System, Class A Fire Rated

Materials Needed:

Product	Application Rate	Application Calculator
Clear Acrylic Base	7 gallons/SQ	7 x ___ SQs = ___ Gallons
Acrylic White	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Acrylic Gel		As Needed
Stitchbond 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 clean plywood of all debris and dust.
2. Apply 1.5 gallons/SQ of Metacrylics® Clear Acrylic Base and embed the Atlas FR-10 Slip-Sheet.
3. Apply 1.5 gallons/SQ of Metacrylics® Clear Acrylic Base over the first layer of Atlas FR-10 Slip-Sheet. Immediately embed the second layer of Atlas FR-10 Slip-Sheet. Note: Leave FR10 Slip-Sheet exposed and allow application to dry before further coating application.
4. 3-course penetration detail (see Metacrylics® Penetration Detail Instructions).
5. 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.
6. 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 New Construction Plywood w/ DensDeck®: 30-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Clear Acrylic Base	6 gallons/SQ	6 x ___ SQs = ___ Gallons
Acrylic White	7 gallons/SQ	7 x ___ SQs = ___ Gallons
Stichbond Fabric	2 SQ/SQ	2 x ___ SQs = ___ SQ
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 clean plywood of all debris and dust.
2. **CLASS A FIRE RATING:** 3-course all Densdeck field seams with alternating layers of Metacrylics Gel & fabric. **NON CLASS A FIRE RATING:** 3-course all plywood field seams with alternating layers of Metacrylics Gel & fabric.
3. 5-course penetration detail (see Metacrylics® Penetration Detail Instructions).
4. Apply to entire roof 2 gallons/SQ Clear Acrylic Base and embed stitch-bond polyester fabric using a brush or broom. Immediately apply 2 gallons/SQ Clear Acrylic Base over the Stichbond 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 (Clear or Gray) 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.



Coating Over New Construction Plywood w/ FR-10 Slip-Sheet: 30-Year System, Class A Fire Rated

Materials Needed:

Product	Application Rate	Application Calculator
Clear Acrylic Base	9 gallons/SQ	9 x ___ SQs = ___ Gallons
Acrylic White	7 gallons/SQ	7 x ___ SQs = ___ Gallons
Acrylic Gel		As Needed
Stitchbond 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 clean plywood of all debris and dust.
2. Apply 1.5 gallons/SQ of Metacrylics[®] Clear Acrylic Base and embed the Atlas FR-10 Slip-Sheet.
3. Apply 1.5 gallons/SQ of Metacrylics[®] Clear Acrylic Base over the first layer of Atlas FR-10 Slip-Sheet. Immediately embed the second layer of Atlas FR-10 Slip-Sheet. Note: Leave FR10 Slip-Sheet exposed and allow application to dry before further coating application.
4. 5-course penetration detail (see Metacrylics[®] Penetration Detail Instructions).
5. Apply Metacrylics Acrylic Base (Clear or Gray) at the rate of 2 gallons/SQ to encapsulate the exposed fabric.
6. 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 fabric and embed the 2nd layer of fabric into wet Clear Base using a brush or broom. Allow 48 hours cure time.
7. 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.