



Walking Deck Over New Construction Plywood w/ DensDeck®: 10-Year System

Materials Needed:

Product	Application Rate	Application Calculator
Gray Acrylic Base	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Acrylic Color	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Roof & Tile Sealer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
Acrylic Gel & Fabric		As Needed
Sand or Granules		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® Acrylic Gray 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 Gray Base over fabric at the rate of 2 gallon/SQ in order to saturate and encapsulate the fabric. Allow 48 hours to cure.
5. Apply 1 gallon/SQ of Metacrylics Acrylic Color (or Acrylic White). Allow 4-12 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 24 hours curing time.
6. Non-Slip Traffic Coat:
 - OPTION 1:** Apply a final application @ 2 gallons/SQ with either 30 mesh sand or rubber granules mixed with the Metacrylics® Acrylic Color (Mix sand at the rate of 1-2 quarts per 2.5 gallons of coating). Apply with texture roller cover, 3/4" roller cover, trowel, or texture spray gun.
 - OPTION 2:** While the second coat of top coat is still wet, broadcast or flood coat 30 mesh sand or rubber granules into coating. Blow off excess sand or granules. Apply a final application @ 2 gallons/SQ over sand or granules with either 3/4" roller cover, texture roller cover, trowel, or texture spray gun. Allow 24-48 hours cure time.
7. Apply Metacrylics® Roof & Tile Sealer @ 0.25 gallons/SQ. Allow 4-8 hours to cure.



**Walking Deck Over New Construction Plywood w/ FR-10 Slip-Sheet:
10-Year System, Class A Fire Rated**

Materials Needed:

NOTE: 1 SQ = 100 sq. ft.

Product	Application Rate	Application Calculator
Gray Acrylic Base	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Clear Acrylic Base	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Acrylic Color	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Roof & Tile Sealer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
Acrylic Gel & Fabric		As Needed
Sand or Granules		As Needed

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 applying further coating application.
4. 3-course penetration detail (see Metacrylics[®] Penetration Detail Instructions).
5. Apply Metacrylics[®] Acrylic Gray 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 Gray Base over fabric at the rate of 2 gallon/SQ in order to saturate and encapsulate the fabric. Allow 48 hours to cure.
6. Apply 1 gallon/SQ of Metacrylics Acrylic Color (or Acrylic White). Allow 4-12 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 24 hours curing time.
7. Non-Slip Traffic Coat:
 - OPTION 1:** Apply a final application @ 2 gallons/SQ with either 30 mesh sand or rubber granules mixed with the Metacrylics[®] Acrylic Color (Mix sand at the rate of 1-2 quarts per 2.5 gallons of coating). Apply with texture roller cover, 3/4" roller cover, trowel, or texture spray gun.
 - OPTION 2:** While the second coat of top coat is still wet, broadcast or flood coat 30 mesh sand or rubber granules into coating. Blow off excess sand or granules. Apply a final application @ 2 gallons/SQ over sand or granules with either 3/4" roller cover, texture roller cover, trowel, or texture spray gun. Allow 24-48 hours cure time.
8. Apply Metacrylics[®] Roof & Tile Sealer @ 0.25 gallons/SQ. Allow 4-8 hours to cure.



Walking Deck Over New Construction Plywood w/ DensDeck®: 15-Year System

Materials Needed:

NOTE: 1 SQ = 100 sq. ft.

Product	Application Rate	Application Calculator
Gray Acrylic Base	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Acrylic White	2 gallons/SQ	2 x ___ SQs = ___ Gallons
Acrylic Color	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Roof & Tile Sealer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
Acrylic Gel		As Needed
Stitchbond Fabric		As Needed
Sand or Granules		As Needed

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® Acrylic Gray 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 Gray Base over fabric at the rate of 2 gallon/SQ in order to saturate and encapsulate the fabric. Allow 48 hours to cure.
5. Apply 2 gallons/SQ of Metacrylics Acrylic White. Allow 48 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 4-12 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 24 hours curing time.
6. Non-Slip Traffic Coat:
 - OPTION 1:** Apply a final application @ 2 gallons/SQ with either 30 mesh sand or rubber granules mixed with the Metacrylics® Acrylic COLOR (Mix sand at the rate of 1-2 quarts per 2.5 gallons of coating). Apply with texture roller cover, 3/4" roller cover, trowel, or texture spray gun.
 - OPTION 2:** While the second coat of top coat is still wet, broadcast or flood coat 30 mesh sand or rubber granules into coating. Blow off excess sand or granules. Apply a final application @ 2 gallons/SQ over sand or granules with either 3/4" roller cover, texture roller cover, trowel, or texture spray gun. Allow 24-48 hours cure time.
7. Apply Metacrylics® Roof & Tile Sealer @ 0.25 gallons/SQ. Allow 4-8 hours to cure.

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

Materials Needed:

NOTE: 1 SQ = 100 sq. ft.

Product	Application Rate	Application Calculator
Gray Acrylic Base	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Clear Acrylic Base	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Acrylic White	2 gallons/SQ	2 x ___ SQs = ___ Gallons
Acrylic Color	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Roof & Tile Sealer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
Acrylic Gel & Fabric	As Needed	
Sand or Granules	As Needed	

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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® Acrylic Gray 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 Gray Base over fabric at the rate of 2 gallon/SQ in order to saturate and encapsulate the fabric. Allow 48 hours to cure.
6. Apply 2 gallons/SQ of Metacrylics Acrylic White. Allow 48 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 4-12 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 24 hours curing time.
7. Apply Metacrylics® Acrylic Color @ 4 gallons/SQ to entire roof. Allow 24-48 hours to cure.
8. Non-Slip Traffic Coat:
 - OPTION 1:** Apply a final application @ 2 gallons/SQ with either 30 mesh sand or rubber granules mixed with the Metacrylics® Acrylic COLOR (Mix sand at the rate of 1-2 quarts per 2.5 gallons of coating). Apply with texture roller cover, 3/4" roller cover, trowel, or texture spray gun.
 - OPTION 2:** While the second coat of top coat is still wet, broadcast or flood coat 30 mesh sand or rubber granules into coating. Blow off excess sand or granules. Apply a final application @ 2 gallons/SQ over sand or granules with either 3/4" roller cover, texture roller cover, trowel, or texture spray gun. Allow 24-48 hours cure time.
9. Apply Metacrylics® Roof & Tile Sealer @ 0.25 gallons/SQ. Allow 4-8 hours to cure.



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

Materials Needed:

NOTE: 1 SQ = 100 sq. ft.

Product	Application Rate	Application Calculator
Gray Acrylic Base	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Acrylic White	2 gallons/SQ	2 x ___ SQs = ___ Gallons
Acrylic Color	6 gallons/SQ	6 x ___ SQs = ___ Gallons
Roof & Tile Sealer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
Acrylic Gel	As Needed	
Stitchbond Fabric	As Needed	
Sand or Granules	As Needed	

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[®] Acrylic Gray 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 Gray Base over fabric at the rate of 2 gallon/SQ in order to saturate and encapsulate the fabric. Allow 48 hours to cure.
5. Apply 2 gallons/SQ of Metacrylics Acrylic White. Allow 48 hours curing time. Apply 2 gallons/SQ of Metacrylics Acrylic Color. Allow 48 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 4-12 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 24 hours curing time.
6. Non-Slip Traffic Coat:
 - OPTION 1:** Apply a final application @ 2 gallons/SQ with either 30 mesh sand or rubber granules mixed with the Metacrylics[®] Acrylic COLOR (Mix sand at the rate of 1-2 quarts per 2.5 gallons of coating). Apply with texture roller cover, 3/4" roller cover, trowel, or texture spray gun.
 - OPTION 2:** While the second coat of top coat is still wet, broadcast or flood coat 30 mesh sand or rubber granules into coating. Blow off excess sand or granules. Apply a final application @ 2 gallons/SQ over sand or granules with either 3/4" roller cover, texture roller cover, trowel, or texture spray gun. Allow 24-48 hours cure time.
7. Apply Metacrylics[®] Roof & Tile Sealer @ 0.25 gallons/SQ. Allow 4-8 hours to cure.

Walking Deck Over New Construction Plywood w/ FR-10 Slip-Sheet: 20-Year System, Class A Fire Rated

Materials Needed:

NOTE: 1 SQ = 100 sq. ft.

Product	Application Rate	Application Calculator
Gray Acrylic Base	4 gallons/SQ	4 x ___ SQs = ___ Gallons
Clear Acrylic Base	3 gallons/SQ	3 x ___ SQs = ___ Gallons
Acrylic White	2 gallons/SQ	2 x ___ SQs = ___ Gallons
Acrylic Color	6 gallons/SQ	6 x ___ SQs = ___ Gallons
Roof & Tile Sealer	0.25 gallons/SQ	0.25 x ___ SQs = ___ Gallons
Acrylic Gel		As Needed
Stitchbond Fabric		As Needed
Sand or Granules		As Needed

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 applying further coating application.
4. 3-course penetration detail (see Metacrylics® Penetration Detail Instructions).
5. Apply Metacrylics® Acrylic Gray Base @ 2 gallon/SQ to the entire roof, embed Polyester Fabric with a brush or broom while coating is wet. Immediately apply Metacrylics Acrylic Gray Base over fabric at the rate of 2 gallon/SQ in order to saturate and encapsulate the fabric. Allow 48 hours to cure.
6. Apply 2 gallons/SQ of Metacrylics Acrylic White. Allow 48 hours curing time. Apply 2 gallons/SQ of Metacrylics Acrylic Color. Allow 48 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 4-12 hours curing time. Apply 1 gallon/SQ of Metacrylics Acrylic Color. Allow 24 hours curing time.
7. Non-Slip Traffic Coat:
 - OPTION 1:** Apply a final application @ 2 gallons/SQ with either 30 mesh sand or rubber granules mixed with the Metacrylics® Acrylic COLOR (Mix sand at the rate of 1-2 quarts per 2.5 gallons of coating). Apply with texture roller cover, 3/4" roller cover, trowel, or texture spray gun.
 - OPTION 2:** While the second coat of top coat is still wet, broadcast or flood coat 30 mesh sand or rubber granules into coating. Blow off excess sand or granules. Apply a final application @ 2 gallons/SQ over sand or granules with either 3/4" roller cover, texture roller cover, trowel, or texture spray gun. Allow 24-48 hours cure time.
8. Apply Metacrylics® Roof & Tile Sealer @ 0.25 gallons/SQ. Allow 4-8 hours to cure.