RE-FLEX COATING

APPLICATION GUIDE

For the Installation of Re-Flex Coatings over

EPDM - METAL - SMOOTH ASPHALT - MODIFIED BITUMEN

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RPI RE-FLEX COATING APPLICATION HANDBOOK

for installation over

EPDM, METAL, BUR SMOOTH ASPHALT, MODIFIED BITUMEN

This handbook is designed to give the applicator a general description of RPI Re-Flex products and serve as an Application Guide for installation of RPI Re-Flex Coating over EPDM , metal, built-up smooth surface asphalt, and modified bitumen roofs.
This handbook is intended as broad reference aid, and is not meant to be all inclusive.

RPI RE-FLEX COATING SYSTEM PRODUCTS

RPI RE-FLEX COATING

Applied over: EPDM, Metal, Modified Bitumen, Asphalt (smooth surface)
Available in: 5-gallon pails
Color: White/Grey(base coat)
Coverage: 100 sq.ft. per gallon
Re-flex Coating is a 100% acrylic water-based elastomeric coating that provides a durable, water resistant, highly reflective layer of protection over existing epdm, metal, smooth surface asphalt, and modified bitumen substrates. May be applied with hand roller or airless spray equipment.

RPI RE-FLEX COATING PRIMER

Applied over: EPDM
Available in: 5-gallon pails
Coverage: 200 sq. ft. per gallon
A solvent based primer applied to EPDM membrane after the membrane has been thoroughly cleaned, before applying Re-Flex Coating. The Coating Primer is always applied with 4 (four), or 9 (nine) inch hand rollers.

RPI RE-FLEX FLASHING CEMENT

Applied over: EPDM, metal, smooth surface asphalt, modified bitumen roofs.
Available in: 5-gallon pails
Color: White
Re-flex Flashing Cement is a flexible, trowel grade, acrylic based elastomeric material used as a waterproofing sealant and flashing to be applied over seams, laps, fastener heads, corner and pipe flashings, and as a base for embedding Re-Flex Flashing Fabric.

RPI RE-FLEX FLASHING FABRIC

Available in: 6 inch by 100 ft. roll
Application: EPDM,metal, asphalt (smooth surface), modified bitumen roofs.
Color: White
Re-Flex Flashing Fabric is a 100 % polyester knit fabric used as a reinforcing flashing membrane for Re-Flex Flashing Cement. The Flashing Fabric is embedded into a layer Re-Flex Flashing Cement applied over seams, laps, corner and pipe flashings prior to applying the Re-Flex Coating.

RPI RE-FLEX STAINBLOCKER

Application: asphalt (smooth surface), modified bitumen
Available in: 5-gallon pails
Color: Opaque
Re-Flex Stainblocker is a waterbased coating formulated to prevent asphalt oil migration and staining of Re-Flex Coating when applied over asphalt based roofing products.

MATERIAL CALCULATION PAGE

RE-FLEX COATING EPDM APPLICATION

Measure roof dimensions:

Multiply roof length_____ X width _____ = Square Feet _____

Measure wall and curb dimensions:

Multiply curb/wall length_____ X width_____ = Square Feet _____

TOTAL SQUARE FEET _____

Gallons of Re-Flex Coating required:

2 gallons per 100 sq. ft. coverage GALLONS OF RE-FLEX COATING _____

Gallons of Re-Flex Coating Primer required:

1 gallon per 200 sq. ft. coverage GALLONS OF COATING PRIMER _____

Rolls of Re-Flex Flashing Fabric:

6 inch by 100 ft. roll ROLLS OF FLASHING FABRIC _____

Gallons of Re-Flex Flashing Cement required:

GALLONS OF FLASHING CEMENT _____

RE-FLEX COATING METAL ROOF APPLICATION

Measure roof dimensions:

Multiply roof length _____ X width _____ = Square Feet _____

Measure wall and curb dimensions:

Multiply curb/wall length_____ X width_____ = Square Feet _____

Roof/wall/curb total square feet _____

Add 10% of roof/wall/curb sq.ft. for coverage of veritcal panel ribs _____

TOTAL SQUARE FEET _____

Count number of fastener heads:

TOTAL NUMBER OF FASTENER HEADS _____

Measure panel and flashing overlap seams:

TOTAL LENGTH OF PANEL SEAMS AND FLASHINGS _____

Measure rust aeas to be primed:

TOTAL SQUARE FEET OF AREA TO BE PRIMED _____

Gallons of Re-Flex Coating required:

2 gallons per 100 sq. ft. coverage GALLONS OF RE-FLEX COATING _____

Gallons of rust primer required:

1 gallon per 200 sq. ft. coverage GALLONS OF RUST PRIMER _____

Gallons of Re-Flex Flashing Cement required:

GALLONS OF FLASHING CEMENT _____

Rolls of Re-Flex Flashing Fabric:

6 inch by 100 ft. roll ROLLS OF FLASHING FABRIC _____

RE-FLEX COATING ASPHALT/MODIFIED BITUMEN ROOF APPLICATION

Measure roof dimensions:

Multiply roof length _____ X width _____ = Square Feet _____

Measure wall and curb Dimensions:

Multiply curb/wall length_____ X width_____ = Square Feet _____

TOTAL SQUARE FEET _____

Gallons of Re-Flex Coating required:

2 gallons per 100 sq. ft. coverage GALLONS OF RE-FLEX COATING _____

Gallons of Re-Flex Stain Blocker required:

1 gallon per 200 sq. ft. coverage GALLONS OF STAIN BLOCKER _____

Rolls of Re-Flex Flashing Fabric:

6 inch by 100 ft. roll ROLLS OF FLASHING FABRIC _____

Gallons of Re-Flex Flashing Cement required:

GALLONS OF FLASHING CEMENT _____

RPI RE-FLEX COATING EPDM APPLICATION

PREPARE EXISTING EPDM MEMBRANE ROOF AND FLASHINGS

All roof surfaces including flashings and curbs must be thoroughly cleaned before applying **RPI RE-FLEX COATING**.

REQUIRED EQUIPMENT: High Pressure Power Washer with a minimum 3,000 PSI; Leaf Blower; Push Brooms.

CLEANING METHOD: Use a leaf blower or push broom to remove loose debris and dust from the field membrane and flashings. After all debris is removed, begin power washing using a four (4") inch to six (6") inch fan tip starting at the highest point on the roof, washing debris down slope towards the gutter, metal drip edge, or roof drains.

NOTE: When using a power washer, do not use a zero degree (0°) tip or power wash against the membrane seam or flashing edges. This could result in damage to the membrane and flashings. Allow the membrane to dry.

POWER WASH EXISTING EPDM MEMBRANE

MAKING NECESSARY EPDM MEMBRANE AND FLASHING REPAIRS USING RPI RE-FLEX COATING PRODUCTS

PREPARE EXISTING EPDM MEMBRANE ROOF AND FLASHINGS

1. After the roof and flashings have been powerwashed and are completely dry, using a four (4) inch roller or brush, apply Re-Flex Primer to the seams and flashing details that will be flashed with Flashing Cement and Flashing Fabric. Allow the primer to dry, or "flash-off".

APPLYING RE-FLEX FLASHING CEMENT AND RE-FLEX FLASHING FABRIC:

1. Apply a layer of Re-Flex Flashing Cement over existing outside corner flashings. The Flashing Cement should extend a minimum of 3 inches past each side of the corner and be approximately 60 mils thick.
2. Immediately embed a 6 inch wide layer of Re-Flex Flashing Fabric into the Flashing Cement. The Flashing Cement should permeate thru the Flashing Fabric. Multiple pieces of Flashing Fabric should be overlapped a minimum of 2 inches.

The finished flashing should be smooth and free of wrinkles or fishmouths.

NOTE: If a Flashing Cement application heavier than 60 mils is required, the cement should be applied in multiple layers, each layer being allowed to cure a minimum of 24 hours before appling the next layer. The maximum thickness per coat should not exceed 120 mils. Applying the Flashing Cement in layers more than 120 mils, or not allowing sufficient cure time between layers will result in cracking, splitting, and sagging on vertical or sloped surfaces. Cool temperatures and high humidity will prolong the cure time.

MAKING NECESSARY EPDM MEMBRANE AND FLASHING REPAIRS USING RPI ROYAL EDGE EPDM PRODUCTS

1. After the roof and flashings have been power washed and are completely dry, clean the existing seams and flashings with Membrane Cleaner and apply RPI Seam Tape Primer with Scrub Pads. Allow the Primer the dry, (flash-off).
2. Apply the RPI Cover Tape over Seams and RPI Uncured Flashing with Tape over all existing inside & outside corners, t-joints, angle change, pipe flashings, and drains.
3. Take up drain clamping rings, clean the membrane and clamping ring. Apply Water Cut-Off Mastic and re-install the clamping ring.
4. Remove pipe clamping rings, and apply Water Cut-Off Mastic between the pipe boot and pipe. Re-install the clamping ring.
5. Cut out and replace any existing EPDM membrane that has been damaged by foreign contaminants, (oils, asphalt cements, etc.). Remove and replace any wet insulation or damaged decking.
6. Thoroughly clean all metal flashings and remove all loose rust and prime rust areas with a zinc rust primer before applying Re-Flex Primer and Re-Flex Coating.
   Allow all repairs and flashings to cure for a minimum of 24 hours before applying Re-Flex Primer and Coatings

PREPARATION OF RE-FLEX PRIMER

After the roof and flashings have been power washed and all repairs completed, open and stir the RPI RE-FLEX COATING PRIMER with a wooden paddle.

PRECAUTIONS

Do not use an electric drill or other tool the may generate a spark.
Do not allow vapors to build-up in an enclosed area or enter a building thru windows ventilation ducts or air handling units.
Wear safety glasses and protective neoprene gloves when applying primer.
Do not allow Primer to come into contact with skin or eyes.
DO NOT SMOKE OR EXPOSE PRIMER OR PRIMER FUMES/VAPORS TO SPARKS OR OPEN FLAME.

REQUIRED EQUIPMENT FOR APPLICATION OF RE-FLEX PRIMER

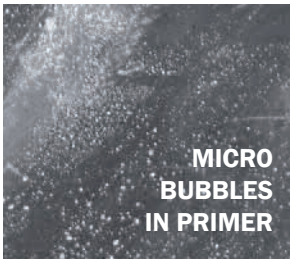
1. Four (4”) inch and nine (9”) inch solvent resistant roller and roller covers.
2. Fiberglass, wood, or metal, roller extension handle/pole
3. Three (3”) masking tape:
   Use three (3”) inch masking tape to define primed and coated areas, straight lines (walls), and prevent overspray of Re-Flex Coating.

APPLICATION OF RE-FLEX PRIMER

Because the first coat of **RPI RE-FLEX COATING** must be applied using a roller, the application of Coating Primer in sections must be closely followed.

1. Using a four or nine inch roller, beginning on the high side (top of slope) of the roof, apply the Re-Flex Primer to the metal edge or walls, curbs, and vertical flashings. Extend the primer down the vertical sufaces onto and past any base flashing seam edge approximately 6 inches. Allow the primer to "flash-off" (dry).

APPLY PRIMER WITH ROLLER



MICRO BUBBLES IN PRIMER

Apply the primer thin enough to minimize the formation of "micro bubbles". The primer will dry to a dull black finish. Expected drying time on a dry, sunny 70°F day could be 10 to 15 minutes.

DO NOT WALK ON, OR ALLOW FRESHLY PRIMED AREAS TO BE CONTAMINATED WITH DUST OR DEBRIS.

TEST PRIMER

Before applying the first coat of **RE-FLEX COATING**, test the Primer for proper dryness by applying finger pressure. The finger should not slide over the Primer. The Coating Primer should be dry and tacky, not wet and stringy.

Apply Re-Flex Primer only to areas which can be coated with Re-Flex Coating immediately after the Primer has dried. DO NOT allow the Primer to be exposed for long periods or overnight.

Contamination from windblown dust, dirt, debris, and moisture will adversly affect the performance of the Re-Flex Primer. Do not apply Primer to a damp or wet surface.

PREPARATION OF RE-FLEX COATING

Before using, open and thoroughly mix each pail of **RE-FLEX COATING** using a electric or cordless drill and mixing paddle. Do not mix air (high speed) into the material.

APPLICATION OF THE FIRST COAT OF RE-FLEX COATING OVER PRIMED METAL EDGES OR WALLS, CURBS, AND VERTICAL BASE FLASHINGS

1. Using a four or nine inch roller, apply the first coat of Re-Flex Coating to the metal edge or walls, curbs, and vertical flashings. Extend the coating down the vertical sufaces and onto the base flashing seam. Re-Flex Coating should be applied at a rate of 100 sq. ft. per gallon.
Allow four to six inches of Primer at the wall/base flashing to remain exposed (un-coated), to ensure the proper overlap of the next section of primer.

APPLICATION OF THE FIRST COAT OF RE-FLEX PRIMER AND COATING OVER THE FIELD MEMBRANE

IMPORTANT: DO NOT SPRAY APPLY THE FIRST COAT OF **RE-FLEX COATING.**
Proper adhesion can only be attained by rolling the first coat onto the primed area. Open and thoroughly mix each pail of **RE-FLEX COATING** using a cordless or electric drill and mixing paddle. Do not mix air (high speed) into the material.

Begin applying the primer to the field membrane, overlapping the exposed area of that was applied earlier.

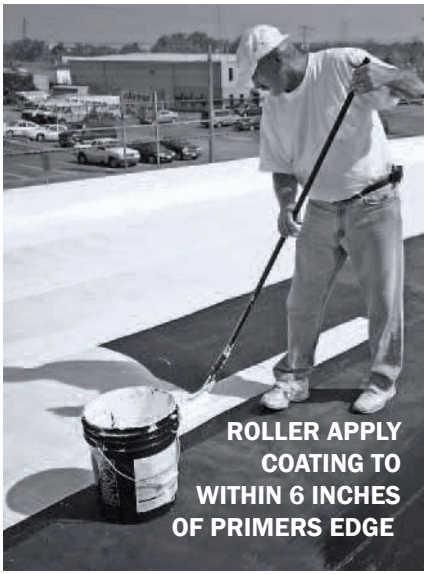
Beginning at the perimeters, using a long handled solvent resistant roller, apply **RPI RE-FLEX COATING PRIMER** at a rate of 200 to 250 sq. ft. per gallon to the field membrane surface.
Apply the Coating Primer in application sections four (4') ft. to five (5') ft. in depth (the length of the roller handle extension), by the width or length of the roof. Drying time is dependent upon current temperature and moisture conditions.


PRIME SURFACE IN 5 FOOT STRIPS

Using a nine (9") inch roller, apply the **RE-FLEX COATING** at a rate of 100 square feet per gallon over the primed area. It is recommended during the application process to occasionally measure a 100 square foot area and apply one (1) gallon of coating to maintain the proper coverage. Remember to allow approximately six (6") of Primer to remain exposed (where the next application Primer will overlap).


APPLYING PRIMER AND COATING SECTIONS

As one application section is completed, another section is begun and completed until the first coat is installed.



Allow the first coat of **RE-FLEX COATING** to cure before applying the second coat. Cure time is dependent upon ambient temperature and air moisture levels. Sunny days with moderate temperatures and low humidity will reduce cure time before the second coat can be applied (over-night to 24 hours). Overcast days with cool temperatures and higher moisture levels will prolong the cure time (24 to 48 hours).

RPI RE-FLEX COATING should not be applied over moisture or dew, or if rain is expected during the cure time.
DO NOT APPLY **RE-FLEX COATING** WHEN EPDM SURFACE TEMPERATURE IS LOWER THAN 40°F OR HIGHER THAN 140°F.

APPLICATION OF SECOND COAT OF RE-FLEX COATING

When applying Re-Flex Coating over EPDM, the second coat may be applied using a 9 inch roller, or using airless spray equipment.

SECOND COAT APPLIED WITH ROLLER

NOTE: This application is better suited to small projects that may not require the set up, use, and cleaning of spray equipment.
After the first coat cure-time is complete, apply the second coat using a nine (9") solvent resistant roller. Apply the second coat at a rate of 100 square feet per gallon by applying the coating across the roll pattern of the first coat. This “cross hatch” installation method will promote a more uniform coverage.

SECOND COAT APPLIED WITH AIRLESS SPRAYER

NOTE: This application is better suited for small to large projects. Spray application requires the applicator be aware of wind conditions which may cause overspray, (windblown coating).

(AIRLESS SPRAYER)

Spray Equipment:
Electric/gas powered Airless Sprayer capable of spraying 1-3 GPM.
.029 - .037 tip with 6-8 inch fan.
Minimum 30 inch wand with swivel tip.
After stirring, coating may be sprayed from a 5- gallon pail, or "boxed" into larger container (barrel or drum).


SPRAY EQUIPMENT

The first coat of Re-Flex Coating must be completely cured before any foot traffic is allowed. All equipment and other materials, foot traffic, etc. that make contact with the Re-Flex Coating must be clean and free of dirt, debris, and other contaminants.

Spray the second coat of Re-Flex Coating at a rate of 100 sq. ft. per gallon. When applied at a rate of 1 gallon per 100 square feet, a wet film thickness of 15 mils will cure into a dry film of 7 mils per gallon.


SPRAY SECOND COAT OF RE-FLEX COATING

NOTE: RPI recommends a minimum application of 2 gallons per 100 sq. ft. If a heavier coat is desired, apply the first and second coats at a rate of 1.5 gallons per 100 sq. ft. Do not apply the second coat until the first coat has fully cured. Applying the second coat before the first coat has cured may result in slippage, crazing, or cracking of the coating.

RPI RE-FLEX COATING METAL APPLICATION

CLEAN EXISTING METAL ROOF AND FLASHINGS

All roof surfaces including flashings and curbs must be thoroughly cleaned before applying **RPI RE-FLEX COATING**.

Required equipment: High Pressure Power Washer with a minimum 3,000 PSI; Leaf Blower; Push Brooms.

Use a leaf blower or push broom to remove loose debris and dust from the metal roof panels and flashings. After all debris is removed, begin power washing using a four (4”) inch to six (6”) inch fan tip starting at the highest point on the roof, washing down slope towards the gutter, metal drip edge, or roof drains.

NOTE: When using a power washer, take care not damage the flashings or drive water under the flashings. This could cause damage to substrates or interior contents.

MAKE NECESSARY REPAIRS TO METAL PANELS, FLASHINGS, AND FASTENERS

IDENTIFY AND REMOVE RUST:

After powerwashing is complete, identify areas of rust and remove any rust scale and loose material using a steel brush. It is the responcibility of the building owner and contractor to identify and determine if existing rust is severe enough to compromise the structural stability of the metal roof panels warranting replacement of the panels.

PRIME RUST AREAS:

Areas to be primed must be clean and free of dust, dirt, loose scale, oils, and any other contaminants. Using a bristle brush, medium nap roller, or spray equipment, apply the Re-Flex RustPrime over the rust areas at a rate of 200 sq. ft. per gallon. Allow the primer to cure a minimum of 24 hours before applying Re-Flex Coating.

METAL RIBBED PANELS WITH FASTENERS

All fasteners must be checked to ensure the metal panels are securely fastened to the existing structure. ALL FASTENERS MUST BE INDIVIDUALLY CHECKED.
Using a properly sized socket or driver bit, check each fastener and replace any stripped or improperly seated fasteners with new "oversize" fasteners.

Loose Fasteners:

1. It is recommended to replace all loose fasteners. Over time, moisture will decay the threads of loose fasteners and compromise the fastener performance.

Fasteners With Membrane Grommets:

If the existing fasteners have membrane grommets, the fasteners must be checked to ensure the grommet membrane has not deteriorated.

NOTE:

Fasteners that secure flashings, supports, sidewall panels or any other type of penetration affecting the integrity of the waterproofing system must be checked. It is the responcibility of the contractor to identify and determine if existing rust is severe enough to compromise the structural stability of the metal roof requiring replacement of the panels.

APPLY RE-FLEX FLASHING CEMENT/ RE-FLEX FLASHING FABRIC TO METAL FASTENERS AND FLASHINGS

Re-Flex Flashing Cement and Flashing Fabric may be applied directly to the fasteners and flashings by hand, while wearing neoprene gloves.

FASTENER HEADS:

Apply Re-Flex Flashing Cement to all fastener heads. The application of the cement should completely cover and encapsulate the fastener heads, extending onto the metal roof panel.

METAL PANELS AND FLASHINGS:

Apply a layer of Re-Flex Flashing Cement to metal panel overlaps and seams extending 3 inches past each side of the seam edge. The layer of cement should be approximately 60 mils thick. Immediately embed a 6 inch wide layer of Re-Flex Flashing Fabric into the Flashing Cement. The Flashing Cement should permeate thru the Flashing Fabric.

Apply Flashing Cement and Flashing Fabric to pipe, curb, skylight, and other base flashings.

NOTE: If a Flashing Cement application heavier than 60 mils is required, the cement should be applied in multiple layers, each layer being allowed to cure a minimum of 24 hours before appling the next layer. The maximum thickness per coat should not exceed 120 mils.

Applying Flashing Cement in layers more than 120 mils; or not allowing sufficient cure time between layers will result in cracking, splitting, and sagging on vertical or sloped surfaces. Cool temperatures and high humidity will prolong the cure time.

SECOND COAT APPLICATION OF RE-FLEX COATING

Using a 4 inch brush or 1/2 inch nap roller, apply the first coat of Re-Flex Coating to perimeters, flashings, and other areas that must be coated by hand to prevent "sprayer drift" or overspray from airless sprayers.

Apply the first coat of Re-Flex Coating to the metal panels using an airless sprayer, at a coverage rate of 1 gallon per 100 sq. ft. of roof deck. Allow at least 12 to 24 hours of cure time between coats. Weather conditions may affect the amount of cure time required. The first coat of material must be cured enough to allow for foot traffic without damaging the coating.

After the first coat has properly cured, apply the second coat at a rate of 1 gallon per 100 sq. ft. of roof surface.

Although the application of 1.5 gallons per 100 sq. ft. per coat is acceptable for increased performance, it is not recommended to apply more than 1.5 gallons per 100 sq. ft. per coat. Applying Re-Flex Coating at a rate more than 1.5 gallons per 100 sq. ft. may result in cracking, surface crazing, or splitting of the coating material.

To prevent wind blown deris and dust from contaminating the coating,do not allow more than 72 hours between coats.

Cool temperatures and high humidity will prolong the cure time.

RPI RE-FLEX COATING MODIFIED BITUMEN AND SMOOTH SURFACE ASPHALT APPLICATION

RPI Re-Flex Coating is designed to lower roof temperatures, enhance and prolong the performance life and waterproofing charecteristics of the existing roof system.

IMPORTANT: Smooth surface asphalt and modified bitumen surfaces should be aged a minimum of 5 years before applying Re-Flex Coating. Do not apply over fresh asphalt roof cement, silicone or coal tar pitch products.

All roof surfaces including flashings and curbs must be thoroughly cleaned before applying **RPI RE-FLEX COATING**

Required equipment: High Pressure Power Washer with a minimum 3,000 PSI; Leaf Blower; Push Brooms.

Use a leaf blower or push broom to remove loose debris and dust from the field membrane and flashings. After all debris is removed, begin power washing using a four (4”) inch to six (6”) inch fan tip starting at the highest point on the roof, washing down slope towards the gutter, metal drip edge, or roof drains.

NOTE: When using a power washer, do not use a zero degree (0°) tip or power wash against the membrane seam or flashing edges. This could result in damage to the membrane and flashings. Allow the roofing surfaces to completely dry before applying Re-Flex products.

EXISTING ASPHALT AND MODIFIED BITUMEN FLASHINGS

Before applying Re-Flex Coatings, all flashing details (pipe flashings, inside and outside corner flashings on curbs, sky-lights, chimneys, roof hatches, etc.) must be flashed with Re-Flex Flashing Cement and Re-Flex Flashing Fabric.

APPLYING RE-FLEX FLASHING CEMENT AND RE-FLEX FLASHING FABRIC:

Apply a layer of Re-Flex Flashing Cement over existing outside corner flashings. The Flashing Cement should extend a minimum of 3 inches past each side of the corner and be approximately 60 mils thick.

Immediately embed a 6 inch wide layer of Re-Flex Flashing Fabric into the Flashing Cement. The Flashing Cement should permeate thru the Flashing Fabric. Overlap multiple pieces of Flashing Fabric a minimum of 2 inches without voids or fishmouths in the faric. Apply the Flashing Cement and Flashing Fabric to pipe, curb, skylight, and other base and angle change flashings.

NOTE: If a Flashing Cement application heavier than 60 mils is required, the cement should be applied in multiple layers, each layer being allowed to cure a minimum of 24 hours before appling the next layer. The maximum thickness per coat should not exceed 120 mils. Applying the Flashing Cement in layers more than 120 mils, or not allowing sufficient cure time between layers will result in cracking, splitting, and sagging on vertical or sloped surfaces. Cool temperatures and high humidity will prolong the cure time.

All Re-Flex Flashings should be allowed to completely cure before applying the Re-Flex Coatings.

APPLICATION OF RE-FLEX COATING

To prevent "spraydrift" or windblown overspray material from adhereing to unintended surfaces, it is recommended that the Re-Flex Coating be applied to the roof perimeters using a four (4) or nine (9) inch roller (minimum 1/2 inch nap) at a rate of 100 sq. ft. per gallon.

APPLICATION OF 1st COAT OF RE-FLEX COATING

Application with roller or sprayer:

Depending upon weather (wind) conditions, the field of the roof may be sprayed using an airless sprayer at a coverage rate of 100 sq. ft. per gallon, or rolled with nine (9) inch rollers. For enhanced performance, Re-Flex Coating may be applied at a heavier coverage rate of 1.5 gallons per 100 sq. ft. of surface area.

IMPORTANT:

Sufficient cure time must be allowed between coats. Insufficient cure time may result in cracking, crazing, or sagging of the material on flat or vertical surfaces.

APPLICATION OF 2nd COAT OF RE-FLEX COATING

Application with roller:

When applying the second coat with rollers, the coating should be applied in a cross-hatch pattern to ensure a complete and unform application.

Application with sprayer:

Depending upon weather (wind) conditions, the field of the roof may be sprayed using an airless sprayer at a coverage rate of 100 sq. ft. per gallon .

For enhanced performance, Re-Flex Coating may be applied at a coverage rate of 1.5 gallons per 100 sq. ft. of surface area.

CLEAN UP AND DISPOSAL INFORMATION

RE-FLEX COATING:

Clean brushes, rollers, other equipment and excess material using **soap and water** while material is still wet. Do not allow excess or waste product to contaminate surface or ground water. Dispose of product and empty containers according to local, state, and federal regulations.

RE-FLEX FLASHING CEMENT:

Clean brushes, rollers, and other equipment and excess material using **soap and water** while material is still wet. Do not allow excess or waste product to contaminate surface or ground water. Dispose of product and empty containers according to local, state, and federal regulations.

RE-FLEX COATING EPDM PRIMER:

Clean brushes, rollers, and other equipment and excess material with **RPI Membrane Cleaner**. Do not allow excess or waste product to contaminate surface or ground water. Toxic to fish. Re-Flex Coating EPDM Primer and RPI Membrane Cleaner are flammable. Do no expose to sparks, or open flames. Dispose of product and empty containers according to local, state and federal regulations.

RE-FLEX STAIN BLOCKER:

Clean brushes, rollers, other equipment, and excess material using **soap and water** while material is still wet. Do not allow excess or waste product to contaminate surface or ground water. Dispose of product and empty containers according to local, state, and federal regulations.

RE-FLEX RUST BLOCKER:

Clean brushes, rollers, and other equipment and excess material using **soap and water** while material is still wet. Do not allow excess or waste product to contaminate surface or ground water. Dispose of product and empty containers according to local, state, and federal regulations.

ADDITIONAL INFORMATION

The application of coatings or use of repair products not sold or supplied by RPI under the ReFlex label, will void RPI EPDM/TPO Membrane Only Warranties.

Limitations:

Do not allow **RE-FLEX** products to freeze. Store in unopened containers at 40°F to 80°F.

RPI RE-FLEX COATING should not be applied when weather conditions do not allow for proper cure-time.

Do not apply unless the ambient temperature is 50°F and rising.

Do not apply if frost or freezing temperatures are forecast.

Do not thin **RPI RE-FLEX COATING** or **RPI RE-FLEX COATING PRIMER**

This document is intended as a general guideline. If the actual project conditions are such as to be outside the scope of the normal waterproofing and coating practices that are referenced in these instructions, steps steps should be taken to insure the restoration remains in compliance with nationally recognized waterproofing practices such as those found in the National Roofing Contractors Association Manual.

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