Ames American History

When I was young man, my Grandfather instilled in me that I was a member of a famous family. As I grew up I studied the family history and visited my homeland in Easton Massachusetts. If genes are the measure, this is what I found in myself and in our history. It is a story to behold about our nations foundations.

Over two hundred years ago my Great Great Great Grandfather Oliver Ames Senior said these famous words, “Make it the best you can.” Which has been the Ames family motto for over 200 years.

Our enemies want to steal and get you to forget your history, so they can steal your freedom! It’s important to know your history and your country’s history and pass it on. Insist it be taught in all schools. Know it. Be proud of it.

We have a Judeo-Christian foundation that make us strong together as a nation and gives us spiritual wisdom. We believe in God and those first principles of the Constitution. We will fight for an honest vote, for a country under God, and for the Bible to be taught in our schools. Thus our company uses much of its profits for the fight to preserve freedom and our foundations. We fund education and Tea Party groups and provide a platform for their causes.

- Wm. Ames Curtright
President/CEO Ames Research Laboratories, Inc.

Isaiah says 46:8-10, “Remember this, fix it in mind, take it to heart, you rebels. Remember the former things, those of long ago; I am God, and there is no other; I am God, and there is none like me.”

Ames Family Quality Since 1774

In 1774, while an infant country was still just a gleam in the eyes of her founding fathers, there was a birth of a different sort taking place. In the colonial town of Bridgewater, Massachusetts a blacksmith was at work. Captain John Ames began making the colonists’ first metal shovels.

These shovels would replace early wooden and metal English imports and would soon take their rightful place in the rugged hands of enterprising patriots. John Ames and his sons made sure that these tools were the finest quality possible.

Later, the successful Ames Tools were supplied to the Union Pacific Railroad. In 1864, President Lincoln asked Senator Oaks Ames and Oliver Ames to help build it. Upon that request, Oliver Ames invested millions in the Union Pacific. Oliver Ames was appointed president of the Union Pacific and he made it his goal to build it into the best that it could be. Under the Ames presidency seven times more track was laid than the previous year.

Making the best has been the Ames tradition for over 227 years. Dr. William Ames Curtright DBA, direct descendent of John Ames, and founder and CEO of Ames Research Laboratories, has always maintained this family tradition.

William Ames believes quality stands the test of time.

Dr. William Ames Curtright DBA developed the first water based roof coatings called Snow Roof Systems which was a line of coating products under the company Oregon Research and Development, of which he was the founder. The company was founded in 1981 and was later sold in 1997 and in 2002 he created a new company named Ames Research Laboratories, Inc.

Ames has always meant quality first, from Ames Tools to Ames Coatings. Ames Research Laboratories, Inc., corporate office and manufacturing plant is located in Salem, Oregon. Ames Research Laboratories, Inc. is committed to creating and manufacturing the finest quality elastomeric coatings and paints on the market today.

Made in the USA
Ames'® Maximum Stretch™
Premium Elastomeric Coating

Ames’ Maximum-Stretch is a thick, high quality rubber and acrylic elastomeric coating designed specifically for waterproofing, repairing and maintaining many different types of roofs. It dries rapidly to form a cool white, watertight roof membrane with up to 750% elasticity that expands and contracts with the roof surface. It seals, saves, and extends the life of old roofs and is an excellent choice for old tar roofs.

- Up to 750% elastic
- Up to 98% reflective
- Reduces roof temperature and cuts air-conditioning costs
- Tintable: charts and tinting formulas are available

Ames'® Iron Coat™
Elastomeric Coating For Metal Roofs

Iron Coat is a thick, high quality acrylic elastomeric roof coating especially formulated for metal. It dries rapidly to form a cool white, up to 500% elastic, impenetrable roof membrane that expands and contracts with the roof surface. It has a special affinity for metal with excellent bonding capabilities over rust and oxidized aluminum.

- Up to 500% elastic
- Up to 98% reflective

Ames'® Iron Coat™
Elastomeric Coating For Metal Roofs

Ames'® Super Elasto-Barrier™
Roofs, Roof Decks, & Siding Waterproofing

Ames’ Super Elasto-Barrier is a water-based, liquid dual-rubber base coat used primarily for roof and deck waterproofing applications. It also works well as a primer for other Ames products. It flows into cracks and crevices as a liquid and sets up as a durable rubber to seal leaks wherever they occur. It is formulated to renew, reconstruct, revitalize and extend the life of roofs, walls, and decks. Super Elasto-Barrier is UV sensitive and requires topcoating.

- Up to 1000% Elastic
- Formulated for Year Round Application
- Winter Formula Coating
- May be applied down to 32°F (0°C)

Ames'® Snow Seal™
Light Commercial/Residential Grade

Snow Seal Light Commercial/Residential Grade is a white elastomeric roof coating and paint for sealing and saving roofs, reflecting sunlight, and dramatically lowering extreme temperatures to reduce cooling costs. This liquid, rubberized elastic coating flows easily into cracks and crevices is highly adhesive and dries to completely seal leaks.

- Up to 400% elastic
- Up to 98% reflective

Snow Seal is a bright white, premium grade acrylic elastomeric roof coating for sealing and saving roofs, reflecting sunlight, and dramatically lowering extreme temperatures to reduce cooling costs. This liquid, rubberized elastic coating flows easily into cracks and crevices is highly adhesive and dries to completely seal leaks.

- Up to 400% elastic
- Up to 98% reflective
**Ames’® Block & Wall™ Liquid Rubber**

**Below-Grade and Interior Applications**

Ames’ Block & Wall Liquid Rubber is a blend of adhesive, high strength, elastomeric, liquid rubber. It is designed especially for waterproofing in extreme wet situations such as below grade foundations, basement walls, and cisterns. It is high in solids and dries to a tough, high elasticity membrane that resists cracking and peeling. It can flow into cracks and crevices as a liquid and sets up as a durable rubber to seal leaks wherever they occur. It has a low odor and is non-flammable. Ames Block & Wall Liquid Rubber is UV sensitive and must be topcoated if exposed to sunlight.

- High in solids
- Up to 800% Elastic
- Stops leaks fast
- Tintable white
- Use on block, poured slab, or brick interior basement walls, and below-grade foundations

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**Ames’® Blue Max®**

**Impervious Rubber Coating**

Ames’ Blue Max is a special blend of adhesive, high strength elastomeric liquid rubber technology for waterproofing in extreme wet situations such as below grade foundations, basement walls, and cisterns. It is high in solids and dries to a tough 800% elastic membrane that resists cracking and peeling. It can flow into cracks and crevices as a liquid and sets up as a durable rubber to seal leaks wherever they occur. It has a low odor and is non-flammable. Ames Blue Max is UV sensitive and must be topcoated if exposed to sunlight.

- High in solids
- Up to 800% Elastic
- Remains flexible from -30° to 150° F
- Non-hazardous

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**Ames’® Safe-T-Deck™**

**Granulated Skid Resistant Safety Paint**

Ames’ Safe-T-Deck comes in a granulated non-skid formula perfect for decks and stairs. It is a pure, waterbase, environmentally friendly, adhesive acrylic latex safety paint that is skid resistant. It preserves and protects by substantially increasing the strength of the surface through adhesion. It seals out moisture and renews old surfaces, while providing extra life and a skid resistant finish that is ideal for pedestrian traffic.

- Performance of an epoxy
- Waterproofs, preserves, protects and renews
- Molecular plastic penetration
- Semi-gloss tough finish
- Comes in six stock colors and tintable base

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**Ames’® Safe-T-Deck™ Urethane Floor Paint**

**Smooth Formula**

Ames’ Safe-T-Deck Urethane Floor Paint performs like an epoxy to preserve, protect and renew old interior floors. This is done by substantially increasing the strength and adhesion by molecular plastic penetration into the concrete surfaces. The molecular plastic is smaller than concrete in size and penetrates into the concrete. It is excellent over office floors and factory areas.

- Performance of an epoxy
- Waterproofs, preserves, protects and renews
- Semi-gloss tough finish
- Comes in white, tan and grey

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**Ames’® Super Primer**

Super Primer is a high strength primer for block & wall construction. It is designed to seal and strengthen walls through adhesion. It is perfect for below-grade walls, below-grade foundations, and waterproofing over below-grade concrete. Ames Super Primer is used prior to applying Ames’ Block & Wall Liquid Rubber to improve adhesion and water permeability.

- High in solids
- Up to 800% Elastic
- Stops leaks fast
- Tintable white
- Use on block, poured slab, or brick interior basement walls, and below-grade foundations

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Testimonial:

“My basement leaked ever since I moved into my house. We have tried every product out there and they all had the same results. Didn’t work! We applied 2 coats of Blue Max and had our first winter with it and it hasn’t leaked at all. I would highly recommend this product for basements. The customer service when I called in was fantastic as well!” - BN

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Testimonial:

“We had a 15 year old deck that we were ready to tear out and decided to try Safe T Deck first. It locked down all the splinters so the kids can walk barefoot on the deck again. I used Ames Super Primer first since our deck was in such bad shape and it literally glued the splinters and rotting wood areas. Thank you for giving our old deck new life!” - NW Deck
**Ames’® Liquid Granite™**
Decorative Architectural Paint

Ames’ Liquid Granite is an attractive, decorative, granite-look coating that beautifies with a rich glow while it seals and protects. Liquid Granite seals out moisture and restores old concrete. It hides cracks in floors and walls. It preserves and protects by substantially increasing the strength of the surface through adhesion.

- Easy Trowel Application
- Use on Floors, Walkways, Walls, Basements, Stairs, and Many Other Applications

**Ames’® Super Elasto-Barrier™**
Roofs, Roof Decks, & Siding Waterproofing

Ames Super Elasto-Barrier™ is a water-based liquid, dual-rubber coating used primarily for roof and deck waterproofing applications. It also works well as a primer for other Ames products. It flows into cracks and crevices as a liquid and sets up as a durable rubber to seal leaks wherever they occur. It is formulated to renew, reconstruct, revitalize and extend the life of roofs, walls, and decks. Super Elasto-Barrier is UV sensitive and requires topcoating.

- Up to 1000% Elastic
- Formulated for Year Round Application
- Winter Formula Coating
- May be applied down to 32°F (0°C)

**Ames’® Clear Seal™**
Elastomeric Plastic Coating

Clear Seal is a unique, semi-clear elastomeric plastic sealant and adhesive for wood and concrete. It penetrates deeply into wood and concrete to actually glue and bind together the molecules of the surface it is being applied to. Rotting and deteriorating surfaces can be restored to a somewhat new condition and often the surface life can be extended for one or more years of usefulness.

**Ames’® Block & Wall™**
Acrylic Above-Grade and Exterior Application

Ames’ Block & Wall is an elastomeric waterproofing sealant for exterior, above-grade walls. Block & Wall dries to form a waterproof seal to keep water and moisture out. It is heavy duty, yet easily applied. It’s designed for exterior use with good UV resistance and almost peel proof on any concrete or vertical application.

**Ames’® Paint & Prime™**
25 Year Acrylic Latex Paint

Ames’ Paint & Prime 25-Year is our high quality premium interior/ exterior, all in one waterbase, pure acrylic, latex paint and primer built into a single product. It is formulated to prevent the growth of mold and mildew. It can be applied at a coverage rate of 1 gallon per 300 sq. ft.
Vapor-Barrier is a waterborne, liquid rubber coating for sealing walls and creating an air block in the building envelope. It can be sprayed, rolled or brushed on and dries to form a seamless, non-permeable seal which stops air movement and prevents moisture transport across a building’s environmental barrier. When applied in conjunction with seam tape (PS250, PS450, or PS650) and other air barrier assemblies (qualifying doors or windows) form an air tight envelope which creates a major energy and operational cost savings. This flexible, seamless shield is an integral part of a passive building envelope and can be applied either internally or externally to the structure.

A building’s energy performance can most cost-effectively be improved by reducing the amount of air leakage by using an effective air barrier like Ames’ Vapor Barrier. Air leakage causes three major problems to the energy performance: the transporting of heat, moisture and contaminants across the building’s environmental barrier.

Transportation of heat causes the exterior air to infiltrate the interior heated or cooled air, which requires your air filtration system to work harder to maintain that comfortable temperature. Use of an air barrier like Ames’ Vapor Barrier helps lower heating and air-conditioning bills, thus lowering building operating costs.

Moisture transport (through humidity in the air) happens when the warm moist air from outside meets the cold air inside, or when cold air from outside meets the heated inside; causing condensation to occur, causing problems with durability of the structure. This trapped condensation can lead to water stains, mold and rot. The use of an air barrier will reduce the chance of moisture related problems occurring.

Transportation of contaminants happens when the airborne pollutants such as pollen, breach the building’s envelope. The use of an air barrier will stop the contaminants from getting into the building thus improving the occupants comfort.

Expands and contracts up to 750-1200%
Highly resistant to cracking and peeling
Remains flexible at -35°F
Resists fungus, mold, and mildew
Color: Colonial Blue
For use on tar, brick, block, plywood, stucco, and drywall
Ames’® Super Primer™
A 100% Pure Acrylic Plastic Sealant

Ames’ Super Primer is a plastic sealant, primer and adhesive all in one. It can be used on concrete, cinder block, brick, tile, EPDM rubber, stucco, wood, metal, and many hard-to-stick surfaces. Super Primer leaves a clear and slightly tacky surface that substantially increases adhesion for Ames® coatings and paints. Prevents fungus, mold, mildew and moss.
Seals water out

Concrete Additive
Super Primer is used as a concrete additive
When added to the water of a concrete mix at 25% ratio, Super Primer substantially reduces cracking in concrete and increases crush strength from an estimated 2800 PSI to 8800 PSI. Seamless concrete polymerized with Super Primer will be impervious to water penetration and will prevent efflorescence. Coatings will have substantially better adhesion to concrete that has been strengthened by Super Primer. The set time will speed up, and the long-term cure time will be reduced from an estimated 28 days to 22 days at 70 degrees F ambient temperature. Important: the user should always run a test batch when polymerizing concrete to determine the saturation ratio or proportions that work best in their application.

Super Primer may be added to latex coatings to increase adhesion
Super Primer is a useful additive to such products when the surface is chalking or deteriorating. The approximate ratio is up to one pint of Super Primer to one gallon of coating. Run a test patch to determine that you have the proper ratio to successfully complete your application.

Ames® Reflective Paint™
With Reflective Technology

A reflective safety coating/paint with reflective technology for many traffic and safety applications such as curbs, fire hydrants, walls, wooden poles, and other surfaces that need to reflect light at night. This remarkable product is based on the latest elastomeric technology. It is highly elastic and resists peeling. Containing light-refractive lenses, the coating, once dry, reflects light.

Surface Preparation
All surfaces should be dry, clean, and free of oil, grease, and loose or flaking materials. Additional bonding and waterproofing for stucco or concrete can be achieved by using Ames’ Super Primer. If concrete is decomposing, it may be necessary to fill or repair it with Blue Max trowel-grade. New Concrete should be allowed to cure for at least 30 days prior to application of this product. Cracks larger than 1/8” should be filled with Blue Max trowel-grade, and all seams should be taped and coated. Mask off the area to be sprayed. Lay a tarp on the floor to catch excess lenses that may fall to the floor.

Texture Spraying Application Method
Texture sprayers for coatings have been around for some time. Ames Research has found a texture sprayer capable of spraying our reflective coating. A Wagner® Texture Hand Sprayer is recommended for spray application. This is a small hand held sprayer that contains a built-in blower that blows air and material through a quarter inch nose onto a concrete or wood surface. The sprayer method greatly accelerates the application and is excellent for small jobs. Use protective goggles in the application area. Pour the coating or scoop the coating into the hopper (about a gallon). Spray the coating about 20 inches distance in laying a pattern that works for you.
Seam taping is an easy process and an important step in properly preparing your surface before applying Ames waterproof elastomeric coatings and paints.

Why is it important?
Hot and cold temperature changes will cause a roof, wall, or decks to expand and contract. Over time, cracks and leaks can develop. Seam taping provides reinforcement over areas prone to splitting, such as seams or joints and creates a “bridge” that ties the surfaces together so water cannot seep through. All surfaces with joints, cracks, flashings, roof vents, or where two unlike surfaces come together should be seam taped. Use seam tape over edges and shape it to fill corners then depending on application cover liberally with Super Elasto-Barrier or one of our other Ames’ coatings.

Do not substitute fiberglass or asphalt impregnated seam tape. They do not stretch or shape like Ames’ Peel & Stick Seam Tape.

Preparation
Remove all loose paint, dirt, oil, and grease leaving the surface clean and dry. All major cracks, joints, and seams should be filled with an Ames’ Blue Max trowel-grade coating and filler. Do not use any silicone caulk material. Make sure the surface is as smooth as possible.

Ames’® Peel & Stick Seam Tape™
Seam taping is an easy process and an important step in properly preparing your surface before applying Ames waterproof elastomeric coatings and paints.

Why is it important?
Hot and cold temperature changes will cause a roof, wall, or decks to expand and contract. Over time, cracks and leaks can develop. Seam taping provides reinforcement over areas prone to splitting, such as seams or joints and creates a “bridge” that ties the surfaces together so water cannot seep through. All surfaces with joints, cracks, flashings, roof vents, or where two unlike surfaces come together should be seam taped. Use seam tape over edges and shape it to fill corners then depending on application cover liberally with Super Elasto-Barrier or one of our other Ames’ coatings.

Do not substitute fiberglass or asphalt impregnated seam tape. They do not stretch or shape like Ames’ Peel & Stick Seam Tape.

Preparation
Remove all loose paint, dirt, oil, and grease leaving the surface clean and dry. All major cracks, joints, and seams should be filled with an Ames’ Blue Max trowel-grade coating and filler. Do not use any silicone caulk material. Make sure the surface is as smooth as possible.

Ames’® Contouring Roof Fabric™
Long Term Strengthening and Reinforcement With Fabric

❖ Reinforces roof & deck systems
❖ Adds strength
❖ Keeps the roof from splitting
❖ Reduces movement

Roof Fabric Application
After seam taping the next step is to embed roof fabric for long term strengthening of the roof surface. The roof fabric (CRF250) is 42 inches by 75 feet. It is a flexible polyester with the appearance of fiberglass cloth.

Step One: Pour out a liberal amount (about one to two gallons on a roof) of Ames’ Super Elasto-Barrier onto the surface (for smooth roofs only). Use a push broom or roller to spread the coatings out in a path slightly wider than the roof fabric and then use them to roll the fabric into the wet coating until the coating comes up through the fabric and totally saturates it. This is best done by laying the roll of fabric down and pushing it forward into the wet coating with the push broom or roller while the excess coating comes up through the fabric. Avoid folds and wrinkles. The fabric will absorb almost two gallons per 100 square feet during this application. In order for the fabric to work properly, it has to be on a smooth surface.

Step Two: With a roller or push broom, pull the excess coating off to the side in preparation for laying the next row of fabric. Use the lap line on the fabric roll as a guide. One may butt or overlap the fabric. If you choose to overlap the fabric, overlap its entire length by three to four inches. Overlap may leave a seam. Repeat this process until the entire surface is completely covered with fabric. Allow the embedded fabric to dry completely, for best results allow a minimum of 24 to 48 hours between coats.

Step Three: To complete the roof fabric application process, apply an additional coat over the surface to completely seal and fill all remaining pinhole openings in the fabric. The goal here is to have all pinholes filled and no less than 30 mils of thickness (about the thickness of a dime). Use all the remaining coating to complete the process of three gallons per 100 square feet of roofing surface. The coating is best applied by pouring out in small quantities and spreading.
Application Suggestions

Ames Research Laboratories recommends that these application suggestions be used as a guideline for applying Ames’ products. Please remember, these are only suggestions. Product durability depends upon surface preparation and sufficient material usage for thickness. Read all instructions on the label before beginning. Always run a test patch first, in an inconspicuous area, to ensure that proper adhesion and drying occurs with your product and that the product works to your satisfaction before proceeding. Do not proceed unless you are satisfied. For product information or technical assistance, call 1-888-345-0809 or visit our website at: www.amesresearch.com.

Weather and Drying Guidelines

For exterior application our products are best applied between 50 to 90 degrees F (10 to 32 degrees C) on warm dry surfaces. Be sure humidity is less than 50% and dew point and temperature have a good spread. The coating will begin to dry in 30 minutes to 2 hours depending upon the thickness of application and weather. For best results, allow a minimum of 24 hours between coats. It continues to cure for up to 2 weeks.IMPORTANT: For exterior applications check your local weather forecast and follow our Ames’® Weather Rule: Apply when the streets are dry, the sun is in the sky, the roof is warm to touch, and no inclement weather is forecast for at least 24 hours. The best work window during winter months is usually between 10:00AM an 2:00PM with a forecast of clear weather for the following day. Low temperatures, high humidity and evening and morning dew will require increased drying/curing time.

When top coating, keep in mind that white or light colored coatings will reflect nearly all solar rays and dry at a much slower rate than dark colored coatings. If you live in the northern hemisphere the best time to apply white products is the summer months when there is plenty of sunlight. In contrast, darker coatings absorb more sunlight and dry more quickly.

How to Waterproof Metal Roofs

Ames’ Iron Coat is our metal roof coating formulated especially for commercial and residential metal roofs, recreational vehicles (RV’s) and mobile homes. Ames’ Iron Coat has been designed specifically to waterproof and maintain your metal roof. With difficult surfaces, such as rusty metal or oxidized aluminum, Super Primer or Super Elasto-Barrier may be used as a primer that will optimize adhesion for Iron Coat to the metal surface.

1. Surface Preparation
Read all label instructions before beginning. Always run a test patch first in an inconspicuous area, to ensure that proper adhesion and drying occurs and the product works to your satisfaction. The roof must be dry. Remove loose dirt, flaking rust, and debris from the roof surface. Do no use any soaps or detergents. Refasten any screws or nails that may have worked loose. Be sure surfaces are clean and dry before the coating application. Caulk all cracks greater than 1/8” wide with acrylic or butyl caulking or patching compound. Do not use any form of silicone whatsoever.

2. Seam Tape & Prime the Roof Surface
Prime with 1 or 2 coats of Super Primer or Super Elasto-Barrier until the roof surface is smooth and sealed. Surfaces with joints, cracks, flashings, vents, parapet wall flashings or where two unlike surfaces come together require Ames’ Seam Tape to provide some additional strength and reinforcement. For the best adhesion prime all metal surfaces with Super Primer or Super Elasto-Barrier before applying the seam tape. Let cure so that it’s dry to the touch.

3. Pour it out & Paint it on
Apply Iron Coat as needed for a durable, elastomeric, thermo-reflective surface.

   Good: 1-2 coats of Iron Coat
   Better: 1 coat of Super Primer or Super Elasto-Barrier, then topcoat with 2 coats of Ames’ Iron Coat.
   Best: 1-2 coats of Super Primer or Super Elasto-Barrier: top coat with 3 coats of Ames’ Iron Coat or similar Ames’ product.
How to Waterproof and Seal Tar Roofs

1. Prepare the Roof Surface
Read all label instructions before beginning. Always run a test patch first in an inconspicuous area, to ensure that proper adhesion and drying occurs and the product works to your satisfaction. Remove loose dirt and debris from the roof surface. Be sure surfaces are clean and dry before the coating application. Do not use any soaps or detergents. All major cracks, joints and seams should be caulked with Blue Max trowel-grade liquid rubber. Do not use a silicone caulk. Follow seam taping instructions. Mask all sensitive areas before starting.

It is important to seam tape all joints and cracks to avoid future cracking and leaking. Apply Ames’® Peel & Stick Seam Tape (PS250, PS450, PS650) around flashings, vents over joints and cracks. Refer to Ames Seam Tape label for application instructions. Do not use fiberglass or asphalt impregnated seam tape. For tape to work properly, it must be on a smooth surface.

2. Prime the Roof Surface
In some situations, you may want to apply roofing fabric to the surface. Roofing fabric adds substantial strength to the coating of roof surfaces.

Prime with Super Elasto-Barrier until roof surface is smooth and sealed. IMPORTANT: If using roofing fabric or the seam tape, prime roof completely smooth and watertight before applying roofing fabric or seam tape. See labels for Ames Contouring Roof Fabric for detailed instructions.

NOTE: Do not use roof fabric over tar & gravel roofs; it must be applied over a properly drained and smooth surface.

3. Topcoat the Roof
Apply 1-2 coats of Ames’® Maximum-Stretch or similar Ames® product.

Good: 1-2 coats of Super Elasto-Barrier, 2 coats of Ames’® Maximum-Stretch or similar Ames® product.
Better: 2 coats of Super Elasto-Barrier, topcoat with 2 coats of Ames’® Maximum-Stretch or similar Ames® product.
Best: 3 coats of Super Elasto-Barrier; top with 2 coats of Ames’® Maximum-Stretch or similar Ames® product.

How to Waterproof Rolled Roofing

Many times old rolled roofing can get cracked or need recoating to avoid any leakage. With Ames roof coating, your old rolled roofing will look as good as new. Our roof coating will close up any cracks preventing water damage in your roof. It will also help reflect sunlight making it an energy saving investment. Turn your cracked old rolled roof into an efficient, waterproof, and flashy new surface!

1. Preparation for Rolled Roofing
Read all label instructions before beginning. Always run a test patch first in an inconspicuous area, to ensure that proper adhesion and drying occurs and the product works to your satisfaction.

Be sure surfaces are clean and dry before the coating application. Remove loose dirt, moss, and debris from the roof surface. Do not use any soaps or detergents. IMPORTANT: Use caution while power washing. Replace any missing pieces of roofing.

2. Seam Taping with Ames’® Seam Tape
Apply Ames’® Seam Tape as needed. Fill and tape joints, skylights and metal flashing to the application surface. Before applying seam tape, prime with 1-2 coats of Ames’® Super Elasto-Barrier™ or until the surface is smooth and sealed. For additional strength, embed Roof Fabric (CRF250) into the Super Elasto-Barrier rubber coating. See Ames’® Contouring Roof Fabric label for instructions. For seam tape to work properly, it must be on a smooth surface.

3. Topcoat
Topcoat with 1-3 coats of Ames’® Maximum-Stretch or as needed to complete application. For roof decks, topcoat with Ames’® Safe-T-Deck.
How to Waterproof a Plywood & Concrete Roof Deck

Roof decks, by definition, are decks that exist over living areas. It used to be that roof deck applications were quite expensive to build and had a multitude of waterproofing problems and applications. All that has changed with Ames’ premium, waterbase, environmentally friendly, elastomeric, waterproof acrylic and rubber coatings. There really is nothing else quite like it out there.

1. Preparation for Roof Decks

Read all label instructions before beginning. Always run a test patch first in an inconspicuous area, to ensure that proper adhesion and drying occurs and the product works to your satisfaction. It is suggested that if the plywood has not been installed to coat the plywood on all sides with one coat of Super Elasto-Barrier™. Super Elasto-Barrier is a pure liquid rubber coating designed to resist water. The product impregnates the wood with rubber that will stretch with the wood movement. Remove all loose paint, dirt, oil and grease leaving the surface clean and dry. Do not use any soaps or detergents. All major cracks, joints and seams should be caulked and filled with an Ames’ Blue Max™ trowel-grade coating and filler. Do not use any silicone caulk. Make sure the surface is as smooth as possible. Difficult surfaces such as concrete, vinyl or EPDM Rubber require one or two coats of Super Primer™ for adhesion to the surface. You may paint, roll, or spray onto the surface.

2. Seam Taping with Ames’ Seam Tape

All surfaces with joints, cracks, flashings or where two unlike surfaces come together should be seam taped. Seam taping is done to provide additional strength and reinforcement. Ames’ Peel & Stick Seam Tape is ideal for plywood roof decks and other smooth surfaces. For the tape to work properly, it must be on a smooth surface.

3. Roof Fabric Application

After seam taping the next step is to embed roof fabric for long term strengthening of the roof deck. (For more information on application on Roof Fabric please go to page 15.)

4. Topcoat the Roof Deck with Safe-T-Deck

Topcoat the roof deck with Safe-T-Deck or Liquid Granite. Topcoat 2 with coats of Safe-T-Deck granulated safety paint as needed to properly seal the entire surface to a watertight system. Seam taping over edges with seam tape and shaping corners and joints will finish your application.

5. Concrete Roof Deck


How to Waterproof Rubber & EPDM Roofs

Read all label instructions before beginning. Always run a test patch first in an inconspicuous area, to ensure that proper adhesion and drying occurs and the product works to your satisfaction. Be sure surfaces are clean and dry before the coating application. Do not use any soaps or detergents.

Remove loose dirt, granules, moss, and debris from roof surface. IMPORTANT: Use caution while power washing. Replace any missing pieces of roofing.

1. Prime the Roof Surface with Super PrimerTM

Prime with 1 or 2 coats of Super Primer or until the roof surface is sealed. Allow primer to dry completely clear. Seam tape surfaces with joints, cracks, flashings, vents, parapet wall flashings or where two unlike surfaces come together to provide some additional strength and reinforcement. Peel & Stick is applied over the Super Primer after it has dried. To apply Peel & Stick simply: 1.) Peel off the protective backing 2.) Line up the tape with the seam 3.) Press into place, using your finger to shape with the contours of the surface. For tape to work properly, it must be on a smooth surface.

2. Apply Ames’® Super Elasto-Barrier™

Apply 2 coats of Ames’ Super Elasto-Barrier dual-rubber coating. Super Elasto-Barrier is up to 1000% elastic to expand and contract with the roof surface.

3. Topcoat with Ames’® Maximum-Stretch™

For best results, topcoat the Super Elasto-Barrier with 2 coats of Ames’ Maximum Stretch roof coating. Maximum-Stretch, when applied in white, reflects 98% of the sun’s heat and UV rays. It will substantially reduce roof temperatures, saving on cooling costs.

Estimated Coverage

Standard product coverage on a smooth surface is 100 sq. ft. per gallon (est. 10ml). More than one coat recommended. More coats equal longer life.
How to Waterproof a Deck

Read all label instructions before beginning. Always run a test patch first in an inconspicuous area, to ensure that proper adhesion and drying occurs and the product works to your satisfaction. Be sure surfaces are clean and dry before the coating application. Do not use any soaps or detergents.

Use Safe-T-Deck as a topcoat to seal and save old decks and to make slippery surfaces safe. Liquid Granite™ is an attractive granite-look coating that may also be used as a topcoat on decks, roof decks, and many other surfaces.

1. Prepare the Surface

Power wash is recommended for best results. Remove old coatings which are delaminating or lifting. All surfaces must be clean and completely dry before beginning application.

2. Prime the Surface (Plywood Deck)

Prime the surface with Super Elasto-Barrier using a paint brush or roller. Apply Roof Fabric and Seam Tape according to label instructions with Super Elasto-Barrier at a rate of 2-3 gallons per 100 square feet. Begins to dry in about 2-4 hours and for the best results, a minimum of 24 hours between coats or until completely dry.

For Dimensional Lumber Decks

For best results, power wash or sand surface down to bare wood, remove any loose and flaking material. Allow to completely dry. If possible, seal the sides of wood decking boards when spacing permits, as well as top and ends. Prime surface with 1 coat of Ames Super Primer at a rate of 1-gal. per 200 sq. ft. per coat. Let the primer dry completely clear, about 30 minutes to an hour. Then 1-2 coats of Ames Super Elasto-Barrier (optional). Then a minimum of 24 hours between coats or until completely dry.

3. Topcoat with Safe-T-Deck or Liquid Granite

You may apply 2-3 coats of Safe-T-Deck or Liquid Granite over Super Elasto-Barrier or Super Primer. Allow proper drying time. For specific applications, contact our technical staff at 1-888-345-0809 M-F five days a week.

How to Waterproof a Concrete Roof

1. Surface Preparation

Power wash the surface area of the roof to remove most of the loose material. Use caution, so as not to damage any interior areas due to roof leakage that are inside the building. You may need to roughen the surface. Fill any large cracks and crevices with Blue Max™ trowel-grade. Do not use any soaps or detergents.

2. Prime the Surface

Prime the roof with 1-2 coats Ames’® Super Primer™. Super Primer will dry rapidly and will flow into the cracks and crevices of the concrete rooftop. Let the primer dry completely clear, about 30 minutes to an hour. It will bond to the concrete with remarkable adhesion. Super Primer has an affinity for concrete and it actually glues together and strengthens old concrete surfaces.

Seam Tape

Next, use tape all remaining cracks larger than one eighth of an inch. Ames Peel & Stick Seam tape comes in 2, 4, and 6 inch widths by 50-foot rolls. This rubber tape contours easily to the surface and will adhere to the primed surface. Once applied, the seam tape will be difficult to remove. For tape to work properly, it must be on a smooth surface.

3. Apply Ames’® Super Elasto-Barrier

Prime the surface with Super Elasto-Barrier using a paint brush or roller at a rate of 2-3 gallons per 100 square feet. Begins to dry in about 2-4 hours and for best results, a minimum of 24 hours between coats or until completely dry.

Ponding Water Situations

In areas of ponding water apply Ames’® Super Elasto-Barrier™ dual-rubber coating. A minimum of two gallons per 100 sq. ft. is recommended in most situations.

4. Topcoat the Surface

Apply Ames’® Maximum Stretch™ roof coating. Two to three gallons per 100 sq. ft. is recommended for most situations.
How to Waterproof a Leaking Interior Basement

1. Surface Preparation
The wall surface must be clean, dry, and loose material. Loose or peeling paint should be removed with a wire brush and rough wood surfaces sanded. Concrete surfaces may be prepared by using a disc grinder and carbonundum disc or sand blasting. Do not apply over wet, loose or crumbling concrete. Repair the concrete and allow to cure completely.

2. Prime the Surface and Seam Tape Joints and Cracks
Prime the surface with Ames’ Blue Max Liquid Rubber. It is important to seam tape all joints and cracks to avoid future cracking and leaking. For the best adhesion prime all surfaces with Ames’ Blue Max before applying seam tape. For tape to work properly, it must be on a smooth surface.

3. Application
Ames’ Block & Wall™ Liquid Rubber or Blue Max may be applied by brush, roller or sprayer. No need to shake or stir, product comes ready to use right out of the can. Apply a minimum of one gallon per 100 sq. ft. per coat. Two coats minimum, three to four is superior. The application must be applied in a continuous, unbroken seal of a minimum dry thickness of no less than 30 mils (the thickness of a dime) over the entire surface.

GOOD: Prime concrete surface with 1-2 coats of Blue Max and then apply 1 or more coats of Block & Wall Liquid Rubber or Paint & Prime.

BETTER: Prime concrete surface with 1-2 coats of Blue Max and then apply 2-3 coats of Block & Wall Liquid Rubber or Paint & Prime.

BEST: This type of heavy-duty application is normally used when applied on an interior below grade surface where a severe waterproofing situation might exist. This procedure is generally used on new commercial building applications where long-term heavy-duty applications might be required. The very best product application is five gallons per 100 sq. ft. or three to five coat application systems necessary for long term waterproofing. On above grade applications apply two to three coats of Blue Max followed by two coats (2 gallons per 100 square feet) of Ames’ Block & Wall Liquid Rubber or Ames’ Paint and Prime®.

Below Grade Foundations:
Ames’ Blue Max or Block & Wall Liquid Rubber can also be used for exterior below grade foundations that have contact with soil. Apply 2-3 coats and allow proper drying time between coats. Mechanically protect the barrier from the backfill with thick plastic sheeting, hard plastic, dimple board or landscape fabric.

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