



WeatherTite Industries, Inc.

The Finest in Masonry Weatherproofing Products

www.weathertiteinc.com

800-711-9672



1-800-711-9672
www.weathertiteinc.com

WaterTite

Masonry Water Repellent

**12 Year
Warranty**



Ideal for Most Masonry Surfaces
Including Brick, Block, Concrete & Slate

Now Available in Concentrate!

- 1, 5 & 55 Gallon Containers
- Ready to Apply
- Water Based
- Low VOC

100% Vapor Permeable
Repels Water While
Allowing Masonry
to Breathe



WaterTite Masonry Water Repellent Product Specifications

PRODUCT USE

WaterTite is a proprietary siloxane/silane blend that is a VOC compliant, emulsion that was developed to treat a wide variety of mineral substrates including architectural concrete, concrete block, splitface block, pavers, stucco, porous and dense brick, clay tile, and exposed aggregate concrete. WaterTite is not recommended for below grade applications where hydrostatic pressure can be significant.

BENEFITS

Provides excellent water repellency to reduce cracking, spalling, freeze/thaw damage, chemical degradation, biological growth, efflorescence, and dirt pickup, thereby lengthening substrate life and reducing maintenance costs.

Provides excellent beading for improved aesthetics

Low VOC emissions on curing; EPA compliant in 50 states

Formulated to minimize darkening effects thus not changing Substrate appearances

Good stability on highly alkaline surfaces for long term durability
Physically and chemically bonds to substrates increasing coating life and making cleaning easier, thereby reducing maintenance costs

Water repellent is UV stable and resistant to biological degradation for longer service life leading to less cost for repetitive applications

Silex is 100% vapor permeable to resist cracking, peeling and blistering, and allowing carbonation to continue after water repellent application. This lengthens substrate life and allows for greater substrate structural strength over time

Water repellent can improve adhesion of paints to mineral substances thus priming them for painting

APPLICATION

Two coats of WaterTite should be applied using a 'wet-on-wet' procedure to ensure complete coverage. Water Repellent can be applied by brushing, spraying or dipping. Maximum water repellency is realized in 72 hours depending on curing conditions. Beading generally improves over time. Drying time is 2 to 6 hours depending on weather conditions. A test patch should be performed prior to general application with the customer's approval to ensure that desired repellency and appearance is achieved. Protect surrounding surfaces from over-spray as staining can occur. Rinse affected areas thoroughly with water.

TECHNICAL DATA

<u>TEST</u>	<u>RESULT</u>
ASTM (67-91 Section 7.....	(97.1%) (water absorption reduction)
ASTM C 140-91.....	(91.42%)
OHD-L-35.....	(100%) (water vapor permeable)
ASTM C 67-91 section 10	Excellent, no efflorescence on treated specimens
ASTM G 53-88 (3000 hrs).....	No loss in water repellency
ASTM E 514-86.....	(99.9%) reduction in leakages

DISPOSAL

Water Repellent must be disposed according to local, state and federal regulations. Water Repellent should be treated as dilute solutions of 'silicone resins' which are non-RCRA (Resource Conservation and Recovery Act) or non-hazardous wastes.

SAFETY AND HANDLING

For specific information regarding safe handling of this material, please refer to the Material Safety Data Sheet. WaterTite can be used in a safe and environmentally friendly manner. It is designed to reduce the output of VOC's while providing the customer with a high performance water repellent effect.

PHYSICAL PROPERTIES

Color: Milky White

Solvent: Water

Density: 7.90#/gallon

Flash Point: >200°F

Penetration: up to 1" (Depending on substrate)

VOC Content: 28g/1...234 lbs./gallon

Shelf Life: 12 months

Yellowing: None

Surface Appearance After Application: Unchanged

WARRANTY

Our recommendations for use are based upon test results we deem reliable. Due to varying field conditions and substrates, the user bares sole responsibility to determine suitability of the product for the particular use and method of application. WeatherTite warrants that WaterTite water-based water repellent will exhibit a water repellent effect for a period of 12 years from the date of application if applied according to label instructions. This warranty does not cover pre-existent flaking, spalling, abrading, faulty construction or other defects that may erode treated surfaces. If WaterTite fails to perform as specified, WeatherTite will provide, as the sole remedy, enough product to correct the condition. In states where applicable, this warranty does not cover consequential damages for any breach of the warranty and fitness for use. Warrant does not cover labor cost for reapplication. This warranty gives you specific rights which may vary from state to state.

COVERAGE RATES (Sq. Ft. per Gallon)

Concrete Block: 40-80

Split Face Block: 70-120

Stucco: 60-100

Porous Brick: 90-110

Dense Brick: 100-150

Exposed Aggregate Concrete: 150-200

CLEAN-UP

Thoroughly rinse application equipment with clean water.



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CrownTite ***Brushable Masonry Coating***



One Coat Application ~ Fast Drying

- ~ Premixed***
- ~ Easy to Apply***
- ~ Permanently Flexible***



***Discover the Huge Profits
of Chimney Crown Repair***

2 & 5 Gallon Sizes



CrownTite Masonry Coating Product Specifications

PRODUCT USE

WeatherTite CrownTite is a proprietary blend of latex acrylics formulated to provide an elastomeric, resilient finish with superior weathering characteristics. Is a brushable elastomeric coating designed for use over mortar, stuccos, poured concrete, precast concrete, concrete block and exterior masonry.

Benefits

Weather resistant in 6 hours. Flexible and forms a continuous, seamless coating. Textured appearance that can be troweled in a variety of mortar-appearing finishes. Water resistant: withstands wind driven rain, salt spray, and most chemicals. Excellent weather resistance and color retention. No maintenance required. Water clean up. Excellent adhesion. Odorless when cured. Resists fungus.

APPLICATION

Substrates should be clean, dry and free of dust, dirt, oil or any other contaminants that might prevent proper bonding. Tape off edges to achieve best results.

To prevent moisture from being drawn out of WeatherTite CrownTite during the curing process, prime masonry surface prior to application. This can be done using WeatherTite Masonry Water Seal in a standard pump sprayer. A spray bottle and water can also be used to prime surface. Spray surface lightly, do not allow priming agent to puddle. Let dry 2-3 minutes then apply WeatherTite CrownTite.

Brush Application: With a Brush, begin applying WeatherTite CrownTite directly from the pail to the masonry surface. Apply a 1/16" thick coating to a small section at a time until complete coverage is achieved. WeatherTite CrownTite should be brushed evenly while sustaining a wet edge.

CLEAN-UP

Thoroughly rinse application equipment with clean water.

COVERAGE RATES (Sq. Ft. per Gallon)

40-60 depending on substrate

Limitations

WeatherTite CrownTite must be applied to structurally sound, solid, clean and dry substrates. It is not designed to be applied to loose, crumbly, chalky, oil-coated, smooth plastic or flexible surfaces. Do not apply when freezing temperatures are expected within 12 hours. Material dilution shall not be required. If material must be diluted due to special circumstances, dilute sparingly with water (8 oz./5 gal.) maximum. Over- dilution may cause mud cracking.

Do not apply when raining or when rain is imminent or when ambient temperatures drop below 40'. Product will be tack free in 30-60 minutes and will completely cure in 2-4 hours. Allow 4 hours minimum drying time prior to rain. High humidity or cold temperatures may affect drying time. Allow new construction to cure at least 30 days prior to application.

WARRANTY

WeatherTite CrownTite is warranted for a period of twenty (20) years from the date of manufacture when installed in accordance with the application instructions provided by WeatherTite, Inc.

Exceptions- This warranty does not cover failures due to the following:

- Fire, flood, natural disaster or any act of God.
- Improper storage, handling or installation.
- Plumbing leaks, faulty construction or house settling that exceeds the materials elasticity.

The WeatherTite Commitment- If WeatherTite CrownTite is proved to have failed during the warranty period, WeatherTite, Inc. will replace the failed material FOB from it's nearest distribution point.

WeatherTite, Inc. reserves the right to inspect the job site by an authorized representative prior to the settlement of any claims. Notification of claims must be made in writing to WeatherTite, Inc. upon discovery.

WeatherTite's sole and complete responsibility for proven material failure is as set forth in this warranty. WeatherTite, Inc. will not be responsible for incidental, indirect or consequential damages including reinstallation labor. No other warranty is implied or expressed.

Questions regarding this warranty should be directed to the nearest WeatherTite representative

TEST STANDARDS

<u>TEST</u>	<u>METHOD</u>	<u>RESULT</u>
<ul style="list-style-type: none"> • Component Performance and Accelerated Weathering • Freeze/Thaw • Tensile Adhesion • Mildew Resistance • Fire Endurance 	<ul style="list-style-type: none"> • ASTM G-53 • ASTM C-67 • ASTM C-297 • ASTM D-3273 • ASTM E-119 	<ul style="list-style-type: none"> • No Deleterious effect after 8,000 hours when viewed under 5x magnification. • No Deleterious effect after 300 cycles. • No Adhesive Loss • No growth supported within 28 days. • No effect on fire rating of wall assembly

 WeatherTite Industries, Inc.

The Finest in Masonry Weatherproofing Products

Crown Tite **Masonry Coating** **Winter Formula**



Premixed • Easy to Apply • Permanently Flexible
Bonds to ALL Masonry Surfaces

Cures In Sub-freezing / Sub-zero temperatures

Apply with a Brush or Trowel

Available in 1 Gallon container



CrownTite Masonry Coating - Winter Formula Product Specifications

PRODUCT USE

DO NOT STORE CONTAINER IN SUBFREEZING TEMPERATURES! CrownTite Winter Formula is a proprietary blend of latex acrylics formulated to provide an elastomeric, resilient finish with superior weathering characteristics. The Winter Formula is specifically designed for application in subfreezing and subzero temperatures. CrownTite Winter Formula can be applied with a trowel or brush. It is designed for use over mortar, stuccos, poured concrete, precast concrete, concrete block and most exterior masonry.

Benefits

Weather resistant in 6 hours. Flexible and forms a continuous, seamless coating. Textured appearance that can be troweled in a variety of mortar-appearing finishes. Water resistant: withstands wind driven rain, salt spray, and most chemicals. Excellent weather resistance and color retention. No maintenance required. Water clean up. Excellent adhesion. Odorless when cured. Resists fungus.

APPLICATION

Substrates should be clean, dry and free of ice, snow, dust, dirt, oil or any other contaminants that might prevent proper bonding. Use masking or duct tape to protect surrounding surfaces and to produce clean edges. Remove tape while material is still wet.

Brush or trowel application: with a brush or trowel, apply CrownTite Winter Formula directly to the masonry surface. Application thickness should not exceed 1/16". Apply to a small section at a time until complete coverage is achieved. Product should be applied evenly while sustaining a wet edge.

CLEAN-UP

Thoroughly rinse application equipment with clean water.

COVERAGE RATES (Sq. Ft. per Gallon)

40-60 depending on substrate

Limitations

WeatherTite CrownTite must be applied to structurally sound, solid, clean and dry substrates. It is not designed to be applied to loose, crumbly, chalky, oil-coated, smooth plastic or flexible surfaces. Do not apply when freezing temperatures are expected within 12 hours. Material dilution shall not be required. If material must be diluted due to special circumstances, dilute sparingly with water (8 oz./5 gal.) maximum. Over-dilution may cause mud cracking.

Do not apply when raining or when rain is imminent or when ambient temperatures drop below 40'. Product will be tack free in 30-60 minutes and will completely cure in 2-4 hours. Allow 4 hours minimum drying time prior to rain. High humidity or cold temperatures may affect drying time. Allow new construction to cure at least 30 days prior to application.

WARRANTY

WeatherTite CrownTite is warranted for a period of twenty (20) years from the date of manufacture when installed in accordance with the application instructions provided by WeatherTite, Inc.

Exceptions- This warranty does not cover failures due to the following:

- Fire, flood, natural disaster or any act of God.
- Improper storage, handling or installation.
- Plumbing leaks, faulty construction or house settling that exceeds the materials elasticity.

The WeatherTite Commitment- If WeatherTite CrownTite is proved to have failed during the warranty period, WeatherTite, Inc. will replace the failed material FOB from it's nearest distribution point.

WeatherTite, Inc. reserves the right to inspect the job site by an authorized representative prior to the settlement of any claims. Notification of claims must be made in writing to WeatherTite, Inc. upon discovery.

WeatherTite's sole and complete responsibility for proven material failure is as set forth in this warranty. WeatherTite, Inc. will not be responsible for incidental, indirect or consequential damages including reinstallation labor. No other warranty is implied or expressed.

Questions regarding this warranty should be directed to the nearest WeatherTite representative

TEST STANDARDS

TEST

- Component Performance and Accelerated Weathering
- Freeze/Thaw
- Tensile Adhesion
- Mildew Resistance
- Fire Endurance

METHOD

- ASTM G-53
- ASTM C-67
- ASTM C-297
- ASTM D-3273
- ASTM E-119

RESULT

- No Deleterious effect after 8,000 hours when viewed under 5x magnification.
- No Deleterious effect after 300 cycles.
- No Adhesive Loss
- No growth supported within 28 days.
- No effect on fire rating of wall assembly



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Flexible Crown Trowelable Masonry Coating



**20 Year
Warranty**

Discover the Huge Profits of Chimney Crown Repair

Twice the Coverage & Faster Drying Times
Compared to the Competition's Product



~ Premixed ~ Ready to Apply ~

2 & 5 Gallon Sizes



Flexible Crown Masonry Coating

Product Specifications

PRODUCT USE

WeatherTite Flexible Crown is a proprietary blend of latex acrylics formulated to provide an elastomeric, resilient finish with superior weathering characteristics. Is a brushable elastomeric coating designed for use over mortar, stuccos, poured concrete, precast concrete, concrete block and exterior masonry.

Benefits

Weather resistant in 6 hours. Flexible and forms a continuous, seamless coating. Textured appearance that can be troweled in a variety of mortar-appearing finishes. Water resistant: withstands wind driven rain, salt spray, and most chemicals. Excellent weather resistance and color retention. No maintenance required. Water clean up. Excellent adhesion. Odorless when cured. Resists fungus.

APPLICATION

Substrates should be clean, dry and free of dust, dirt, oil or any other contaminants that might prevent proper bonding. Tape off edges to achieve best results.

To prevent moisture from being drawn out of WeatherTite Flexible Crown during the curing process, prime masonry surface prior to application. This can be done using WeatherTite Masonry Water Seal in a standard pump sprayer. A spray bottle and water can also be used to prime surface. Spray surface lightly, do not allow priming agent to puddle. Let dry 2-3 minutes then apply WeatherTite Flexible Crown.

Brush Application: With a Brush, begin applying WeatherTite Flexible Crown directly from the pail to the masonry surface. Apply a 1/16" thick coating to a small section at a time until complete coverage is achieved. WeatherTite Flexible Crown should be brushed evenly while sustaining a wet edge.

CLEAN-UP

Thoroughly rinse application equipment with clean water.

COVERAGE RATES (Sq. Ft. per Gallon)

40-60 depending on substrate

Limitations

WeatherTite Flexible Crown must be applied to structurally sound, solid, clean and dry substrates. It is not designed to be applied to loose, crumbly, chalky, oil-coated, smooth plastic or flexible surfaces. Do not apply when freezing temperatures are expected within 12 hours. Material dilution shall not be required. If material must be diluted due to special circumstances, dilute sparingly with water (8 oz./5 gal.) maximum. Over-dilution may cause mud cracking.

Do not apply when raining or when rain is imminent or when ambient temperatures drop below 40°. Product will be tack free in 30-60 minutes and will completely cure in 2-4 hours. Allow 4 hours minimum drying time prior to rain. High humidity or cold temperatures may affect drying time. Allow new construction to cure at least 30 days prior to application.

WARRANTY

WeatherTite Flexible Crown is warranted for a period of twenty (20) years from the date of manufacture when installed in accordance with the application instructions provided by WeatherTite, Inc.

Exceptions- This warranty does not cover failures due to the following:

- Fire, flood, natural disaster or any act of God.
- Improper storage, handling or installation.
- Plumbing leaks, faulty construction or house settling that exceeds the materials elasticity.

The WeatherTite Commitment- If WeatherTite Flexible Crown is proved to have failed during the warranty period, WeatherTite, Inc. will replace the failed material FOB from it's nearest distribution point.

WeatherTite, Inc. reserves the right to inspect the job site by an authorized representative prior to the settlement of any claims. Notification of claims must be made in writing to WeatherTite, Inc. upon discovery.

WeatherTite's sole and complete responsibility for proven material failure is as set forth in this warranty. WeatherTite, Inc. will not be responsible for incidental, indirect or consequential damages including reinstallation labor. No other warranty is implied or expressed.

Questions regarding this warranty should be directed to the nearest WeatherTite representative

TEST STANDARDS

TEST

- Component Performance and Accelerated Weathering
- Freeze/Thaw
- Tensile Adhesion
- Mildew Resistance
- Fire Endurance

METHOD

- ASTM G-53
- ASTM C-67
- ASTM C-297
- ASTM D-3273
- ASTM E-119

RESULT

- No Deleterious effect after 8,000 hours when viewed under 5x magnification.
- No Deleterious effect after 300 cycles.
- No Adhesive Loss
- No growth supported within 28 days.
- No effect on fire rating of wall assembly



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FlashTite

Flashing Repair Coating

**10 Year
Warranty**

After



Before

Premixed ~ Easy to Apply ~ Permanently Flexible
Great for Chimneys, Vents, Stacks & More!



1 Gallon Size

**FlashTite can be
used with fiber tape
for added strength**





FlashTite Flashing Repair Coating **Product Specifications**

PRODUCT USE

WeatherTite FlashTite is a flashing repair system formulated to stop leaks from faulty or deteriorated flashing around chimneys, stacks and vents.

Benefits

Weather resistant in 6 hours. Premixed. Flexible and forms a continuous, seamless coating. Water resistant: withstands wind driven rain, salt spray, and most chemicals. Excellent weather resistance and color retention. Water clean up. Excellent adhesion. Odorless when cured. Resists fungus.

APPLICATION

Substrates should be clean, dry and free of dust, dirt, oil or any other contaminants that might prevent proper bonding.

Mask surrounding area to create clean sharp edges. Apply a single heavy coat to area in need of repair.

FlashTite can be used in combination with reinforcement fabric for added strength, available from your FlashTite supplier.

If using fiber mesh, measure out enough fabric to cover the repair. Using a brush, putty knife or trowel, apply a thin coat of FlashTite to the area in need of repair. Be sure to fill all cracks gaps and holes. Extend coating slightly beyond where fabric will end. Using your application tool, embed reinforcement fabric into base coat. Be sure coating extends slightly beyond the edge of the Reinforcement fabric. Apply second coat over fabric making sure to cover fabric completely.

NOTE: Warm temperatures may accelerate drying. Apply in small sections. Use masking, duct or painters tape on structure and roof to produce clean edges.

CLEAN-UP

Thoroughly rinse application equipment with soap and clean water while your equipment is still wet.

COVERAGE RATES (Sq. Ft. per Gallon)

25-28 depending on substrate

Limitations

FlashTite must be applied to structurally sound, solid, clean and dry substrates. It is not designed to be applied to loose, crumbly, chalky, oil-coated, or smooth plastic. Do not apply when freezing temperatures are expected within 12 hours

Do not apply when raining or when rain is imminent or when ambient temperatures drop below 40°. Allow 12 hours minimum drying time prior to rain. High humidity or cold temperatures may affect drying time. Cures completely in 72 hours

WARRANTY

WeatherTite FlashTite is warranted for a period of ten (10) years from the date of manufacture when installed in accordance with the application instructions provided by WeatherTite, Inc.

Exceptions- This warranty does not cover failures due to the following:

- Fire, flood, natural disaster or any act of God.
- Improper storage, handling or installation.
- Plumbing leaks, faulty construction or house settling that exceeds the materials elasticity.

The WeatherTite Commitment- If WeatherTite FlashTite is proved to have failed during the warranty period, WeatherTite, Inc. will replace the failed material FOB from it's nearest distribution point.

WeatherTite, Inc. reserves the right to inspect the job site by an authorized representative prior to the settlement of any claims. Notification of claims must be made in writing to WeatherTite, Inc. upon discovery.

WeatherTite's sole and complete responsibility for proven material failure is as set forth in this warranty. WeatherTite, Inc. will not be responsible for incidental, indirect or consequential damages including reinstallation labor. No other warranty is implied or expressed.

Questions regarding this warranty should be directed to the nearest WeatherTite representative



Repel

Powdered Water Repellent

H₂O

- ***Mortar and Concrete Additive***
- ***Combines with Dry Mix***
- ***Permanent Matrix Protection***



Repel H2o Product Specifications

Product Use

Repel H2O is a full matrix hydrophobic powdered additive that is dry mixed into mortar, concrete or grout prior to adding water. Once cured, Repel H2o will reduce water penetration into the mortar joint or substrate while also allowing moisture vapor to escape. The water repelling effects will be immediate and permanent.

Benefits

Provides outstanding permanent water repellency. Reduces cracking, freeze/thaw damage, efflorescence, chemical degradation, biological growth and dirt pick-up, thereby extending the life and reducing maintenance of the structure or substrate.

- Permanent water repellent protection
- Will not change surface appearance
- 100% vapor permeable allowing moisture to escape
- EPA Compliant in all 50 states
- Easily mixes with dry mortar, cement or grout
- Excellent for chimney repairs, masonry walls and any substrate where cement is used
- 5 year limited warranty

Instructions

Add one scoop (1 ounce scoop provided) of Repel H2O for every 15 lbs. of dry mix. One rounded shovel of mortar, cement or sand equals approximately 15lbs. **Premixed bags:** A premixed 60 pound bag of mortar/cement would receive 4 scoops of Repel H2o. **Large mixer Batches:** Thoroughly dry blend entire batch without adding Repel H2o. Remove approximately 3 or 4 shovels full and place in pail or mortar pan. Measure out enough Repel H2o to treat entire batch and premix into the smaller batch. Once blended, thoroughly mix smaller batch back into the large batch and then add water.

- Always thoroughly dry blend Repel H2o into mix prior to adding water.
- Once Repel H2o is blended into dry mix, water must be added immediately. Delaying the addition of water will make it difficult for the water to absorb into the dry mix.
- Measurements are approximate. Having a slight variance in ratios will not generally affect water repellency.

Clean Up

Tools can be cleaned with water.

HANDLING PRECAUTIONS

Repel H2o Hydrophobic Powder is a free-flowing powder, and as such can create dust. Always wear a NIOSH/MSHA approved dust mask when handling any chemical powder. Please consult the material safety data sheet for specific handling information as well as recommendations for personal protective equipment.

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE BY CONTACTING INFO@WEATHERTITEINDUSTRIES.COM OR CALL 800-711-9672

TYPICAL PROPERTIES

Method Test Unit Result:
 Appearance: White, free-flowing granules
 Particle size distribution: <500 micron..... % 100
 Mean particle size..... µm 300
 Bulk density..... g/L 600

Warranty

Our recommendations for use are based upon test results we deem reliable. Due to varying field conditions and materials, the user bears sole responsibility to determine suitability of the product for the particular use. WeatherTite warrants that Repel H2o will exhibit a water repellent effect for a period of 5 years from the date of application if applied according to label instructions. This warranty does not cover pre-existent flaking, spalling, abrading, faulty construction or other defects that may erode treated surfaces. If Repel H2o fails to perform as specified, WeatherTite will provide, as the sole remedy, enough product to correct the condition. In states where applicable, this warranty does not cover consequential damages for any breach of the warranty and fitness for use. Warranty does not cover labor cost for reapplication. This warranty gives you specific rights which may vary from state to state.

