

CertainTeed

Commercial Roof Systems

Guide to Coatings, Adhesives and Primers

After more than a century of making roofing materials that really last, CertainTeed stands strong.

In fact, we're rated #1 with America's building and remodeling professionals.

So whether you have a residential or commercial project, you can turn to CertainTeed with confidence. We've been around a long time, and our expertise goes into giving you better products.

We manufacture complete systems and protect you with strong warranties. We use the highest quality materials, and that makes for better roofs — not to mention lower life-cycle costs.

It's all a part of our promise to you.

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CertainTeed 

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PRIMERS

FlintPrime™ Asphalt Primer

Description: FlintPrime Asphalt Primer was developed as a high penetrating formula to improve adhesion of roofing materials to the roof surfaces. Its very thin body seals and penetrates, locking in dust particles and other surface contaminants that can contribute to poor adhesion. FlintPrime provides an excellent base layer to which coatings can adhere.

Uses: FlintPrime is great for sealing masonry, roofing surfaces and metal. It is the ideal base coat before applying asphalt peel-and-stick membranes.

Coverage: Apply FlintPrime by brush, roller or spray at approximately 1/2 to 1 gallon per 100 square feet. Work the material to a smooth and even consistency. Avoid excessive build-up or puddles of the primer.

Specifications: Meets or exceeds ASTM D41, Fed. Spec. #SA-A-701, AASTO M-116. Miami-Dade approved.



FlintPrime		
Packaging size	No. per pallet	Approx. wt. per pallet
5-gallon pail	36	1,552 lbs.

FlintPrime™ LV Low VOC Asphalt Primer

Description: FlintPrime LV Low VOC Asphalt Primer is formulated with low-VOC, penetrating solvents that promote the adhesion of roofing materials to the roof surface. FlintPrime LV Low VOC Asphalt Primer is available as either a quick-dry aerosol or a liquid grade. It is very thin bodied and is designed to seal and penetrate. FlintPrime LV seals the surface, bonding contaminants that can contribute to adhesion failure, and provides an excellent base to which coatings can adhere.

Uses: FlintPrime LV is a superior prime coat for sealing masonry, roofing surfaces and metal. It is the ideal base coat before applying asphalt peel-and-stick membranes.

Coverage: Apply FlintPrime LV by brush, roller or spray at approximately 1/2 to 1 gallon per 100 square feet. Work the material to a smooth and even consistency. Avoid excessive build-up or puddles of the primer.

Specifications: Meets or exceeds ASTM D41, Fed. Spec. #SA-A-701, AASTO M-116. Miami-Dade approved. LV products are VOC compliant nationwide.

FlintPrime LV		
Packaging size	No. per pallet	Approx. wt. per pallet
17-oz. aerosol can	840	1,006 lbs.
5-gallon	36	1,552 lbs.

FlintPrime™ SA Asphalt Primer

Description: FlintPrime SA Asphalt Primer is a quick-dry, easy to apply, water-based primer used to prepare surfaces and promote adhesion when installing self-adhering roofing membranes. FlintPrime SA is a ready-to-use, light-bodied coating that seals pores and creates a sound, adhesion-promoting surface.

Uses: FlintPrime SA is suitable for use over wood, plywood, gypsum board, metal and concrete surfaces.

Coverage: Apply FlintPrime SA by brush, roller or professional airless spray at approximately 1/5 to 1/4 gallon per 100 square feet. Work the material to a smooth and even consistency. Avoid excessive build-up or puddles of primer.

FlintPrime SA		
Packaging size	No. per pallet	Approx. wt. per pallet
1-gallon pail	144	1,400 lbs.
3.5-gallon can	48	1,650 lbs.



ADHESIVES

FlintBond™ SBS Modified Bitumen Adhesive

Description: FlintBond SBS Modified Bitumen Adhesive is a professional grade, polymer modified, cold applied adhesive manufactured using premium asphalt, rubber, solvent and fibers. It provides excellent elongation and recovery properties plus enhanced adhesive properties, improved cold temperature pliability, and superior lap and bonding strengths.

Uses: FlintBond Brush Grade is used to adhere SBS modified bitumen roofing membranes, base and interply sheets. It can also be used to adhere conventional BUR interply sheets or fully granulated cap sheets. FlintBond Trowel Grade can be used to make repairs on existing modified bitumen membrane applications, and is designed for use on flashings on vertical and horizontal surfaces, i.e., skylights, vents, pipes, and small areas such as endlaps. FlintBond Caulk Grade is convenient for applying beads of adhesive in small areas such as membrane "T"-seam joints and sidelaps.

Coverage: Apply FlintBond Brush Grade by squeegee, roller, or brush at the rate of 1 gallon per 100 square feet. On porous or irregular surfaces, 2 gallons per 100 square feet may be required. Apply FlintBond Trowel Grade at the appropriate rate for the flashing detail involved; generally a uniformly spread 1/8" to 1/4" thick troweling is sufficient. Apply FlintBond Caulk Grade in desired bead size using a standard open-cradle caulk gun.

Specifications: Meets or exceeds ASTM D3019, Type III. UL Listed: File #R11656; Control #63PG. Miami-Dade approved.



FlintBond Brush Grade		
Packaging size	No. per pallet	Approx. wt. per pallet
5-gallon pail	36	1,660 lbs.
FlintBond Trowel Grade		
Packaging size	No. per pallet	Approx. wt. per pallet
3-gallon can	48	1,720 lbs.
5-gallon pail	36	1,696 lbs.
FlintBond Caulk Grade		
Packaging size	No. per pallet	Approx. wt. per pallet
10.3-oz. tube	1,440	1,480 lbs.

COATINGS

FlintCoat™-W White Elastomeric Acrylic Roof Coating

Description: FlintCoat-W is an extra thick, highly flexible, white acrylic roof coating designed with superior hiding ability. This high performance, U.L. Class A rated product resists cracking, peeling and mildew, while offering tremendous durability and long term life. It expands and contracts with roof movement to resist damage. FlintCoat-W provides an excellent, highly protective barrier that reflects the sun's heat and destructive U.V. rays, which helps to cool surfaces and can reduce interior temperatures and cooling costs.

Uses: FlintCoat-W is ideal as a protective, reflective coating on properly prepared metal roofs, built-up roofs, smooth APP modified bitumen roofs, and mineral-surfaced APP, SBS, or BUR cap sheets.

Coverage: Coverage rate is 1-1/2 gallons per square per coat. Two coats are required for a total application of 3 gallons per square.

Specifications: U.L. Listed, File #R11656, Control #63P6. ENERGY STAR compliant.



FlintCoat-W		
Packaging size	No. per pallet	Approx. wt. per pallet
5-gallon pail	36	2,056 lbs.

FlintCoat™-A PLUS Premium Rubberized Aluminum Roof Coating

Description: FlintCoat-A PLUS Premium Rubberized Aluminum Roof Coating is a highly rubberized, ultra-bright aluminum coating designed for maximum performance. FlintCoat-A PLUS is formulated with premium solvents, rubber and aluminum pigment to provide exceptional weathering abilities and performance characteristics. FlintCoat-A PLUS provides outstanding expansion and contraction abilities while also reflecting destructive U.V. rays and reducing surface temperatures.

Uses: This heavy duty, high performance coating can be used on a variety of roof surfaces to reduce roof temperatures and cooling costs. FlintCoat-A PLUS is also designed to perform substantially better than standard coatings under ponding water conditions, although it is always recommended to correct slope and drainage issues prior to coating.

Coverage: May vary depending on texture of surface. Built-up (granule surface) – 1 to 1-1/2 gallons per 100 square feet; smooth surface and metal roofing – 3/4 gallon to 1 gallon per 100 square feet. Avoid foot traffic once applied.

Specifications: U.L. Listed: File #R11656, Control #63P6. ENERGY STAR compliant.



FlintCoat-A PLUS		
Packaging size	No. per pallet	Approx. wt. per pallet
5-gallon pail	36	1,656 lbs.

FlintCoat™-A 300 Premium Fibered Aluminum Roof Coating

Description: FlintCoat-A 300 Premium Fibered Aluminum Roof Coating is a professional grade, U.L. rated, aluminum reflective coating. It is formulated to provide the brightest and longest lasting finish. The high aluminum content in this product enables it to form a brilliant silver shield to reflect the sun's destructive rays. Cooling costs can be significantly reduced while the underlying roofing materials are protected and preserved. FlintCoat-A 300 serves as a great rust inhibitor and will aid in the prevention of corrosion for metal surfaces.

Uses: FlintCoat-A 300 is a top performing aluminum coating for BUR, metal, and modified membranes.

Coverage: May vary depending on texture of surface. Built-up (roll roofing) – 1 to 1-1/2 gallons per 100 square feet; smooth surface and metal roofing – 3/4 to 1 gallon per 100 square feet. Avoid foot traffic once applied. Apply to sound surfaces in good condition.

Specifications: Meets or exceeds ASTM D2824 Type II; ASTM D3805; ASTM D962 Type II. U.L. Class A Listed, File #R11656, Control #63P6. ENERGY STAR compliant.



FlintCoat-A 300		
Packaging size	No. per pallet	Approx. wt. per pallet
5-gallon pail	36	1,732 lbs.

FlintCoat™-A 150 Fibered Aluminum Roof Coating

Description: FlintCoat-A 150 is a fiber-reinforced, professional grade reflective coating formulated to provide a bright and long lasting finish. The aluminum pigment in this product enables it to form a silver shield to reflect the sun's destructive rays. Cooling costs can be reduced while the underlying roofing materials are protected and preserved. FlintCoat-A 150 serves as a rust inhibitor and will aid in the prevention of corrosion for metal surfaces.

Uses: FlintCoat-A 150 is ideal as a protective, reflective coating on properly prepared metal roofs, built-up roofs, smooth APP modified bitumen roofs, and mineral-surfaced APP, SBS, or BUR cap sheets.

Coverage: May vary depending on texture of surface: Built-up (roll roofing) – 1 to 1-1/2 gallons per 100 square foot; smooth surface and metal roofing – 3/4 to 1 gallon per 100 square feet. Avoid foot traffic once applied.

Specifications: U.L. Class A Listed, File #R11656, Control #63P6. Miami-Dade approved.



FlintCoat-A 150		
Packaging size	No. per pallet	Approx. wt. per pallet
5-gallon pail	36	1,660 lbs.

COATINGS (continued)

FlintCoat™-A NF Non-Fibered Aluminum Roof Coating

Description: FlintCoat-A NF is a quality, professional grade non-fibered reflective coating. It is formulated to provide a bright and long lasting finish. The aluminum pigment in this product enables it to form a brilliant silver shield to reflect the sun's destructive rays. Cooling costs can be reduced while the underlying roofing materials are protected and preserved. FlintCoat-A NF also serves as a rust inhibitor and will aid in the prevention of corrosion for metal surfaces.

Uses: FlintCoat-A NF is ideal as a protective, reflective coating on properly prepared metal roofs, built-up roofs, smooth APP modified bitumen roofs, and mineral-surfaced APP, SBS, or BUR cap sheets.

Coverage: May vary depending on texture of surface: Built-up (roll roofing) – 1 to 1-1/4 gallons per 100 square feet; smooth surface and metal roofing – 3/4 gallon per 100 square feet. Avoid foot traffic once applied.

Specifications: U.L. Class A Listed, File #R11656, Control #63P6. Miami-Dade approved.



FlintCoat-A NF		
Packaging size	No. per pallet	Approx. wt. per pallet
5-gallon pail	36	1,660 lbs.

FlintCoat™-E Emulsion Roof Coating

Description: FlintCoat-E is a U.L. rated, fiber reinforced, professional grade product for coating all types of built-up roofing systems. FlintCoat-E has excellent weathering qualities and is non-flammable, odorless and bonds to damp or dry surfaces. Finally, FlintCoat-E contains no solvents so it will not deteriorate or harm insulation or styrofoam boards, works well for foundations and below-grade applications, and is easy to use and clean up.

Uses: FlintCoat-E is ideal for built-up mineral surfaced, metal, concrete, corrugated and other roof surfaces. It can also be used for damp proofing above or below grade foundation walls, sealing masonry surfaces and retaining walls, and as an anti-corrosive wood, metal, and pipe coating.

Coverage: May vary significantly depending on texture of surface: Covers approximately 1/2 to 1 gallon per 100 square feet. Two coats are recommended.

Specifications: Meets or exceeds ASTM D1227 Type II, Class I, and ASTM D1187 Type I and II. U.L. Class A Listed, File #R11656, Control #63P6. Miami-Dade approved.



FlintCoat-E		
Packaging size	No. per pallet	Approx. wt. per pallet
5-gallon pail	36	1,660 lbs.

REPAIR

FlintPatch™ Wet/Dry Rubberized Flashing Cement

Description: FlintPatch Wet/Dry Rubberized Flashing Cement is a premium, high performance rubberized flashing cement specially formulated for professional roofers. This extremely versatile modified mastic provides superior adhesion to wet surfaces and even adheres under water.

FlintPatch is manufactured with premium asphalt, solvent and fibers to provide an easy to apply, durable patching compound under the harshest weather conditions.

Uses: FlintPatch is the ultimate repair mastic for patching splits, seams, cracks and holes in bonded gravel, mineral surfaced cap sheet and smooth surface asphalt roofs and shingle roofs. Seals around chimneys, vent pipes, gravel guards, downspouts, cracks in concrete and expansion joints on roofs.

Coverage: Coverage rate is approximately 12-1/2 square feet per gallon when applied 1/8" thick. DO NOT HEAT OR THIN.

Specifications: Meets or exceeds ASTM D4586, Type I; ASTM D3409; and Fed. Spec. C-153 Type I (Asbestos Free). Miami-Dade approved.



FlintPatch		
Packaging size	No. per pallet	Approx. wt. per pallet
10.3-oz. tube	1,440	1,482 lbs.
1-gallon can	210	1,930 lbs.
3-gallon can	48	1,720 lbs.
5-gallon pail	36	1,696 lbs.

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