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TOWN CLERK  
TOWN OF ACTON, MA  
2025 APR -2 PM 3:19

Certificate #2507

**TOWN OF ACTON  
HISTORIC DISTRICT COMMISSION**  
472 Main Street, Acton, MA 01720

**CERTIFICATE**

Pursuant to Chapter 40C of the General Laws of Massachusetts and the Historic Districts Bylaw of the Town of Acton, the Acton Historic District Commission hereby issues a

**CERTIFICATE OF NON-APPLICABILITY**

for the work described below.

Applicant(or owner): Freddy Campoverde Telephone: 508 873 1884 Email: sales@goldengrouprooing.

Address: 43 Broad Street, Suite C404 Hudson, MA 01749

Location of Work 48 Windsor Avenue Street

District: Center \_\_\_ West X South \_\_\_

**Description of Proposed work:**

Re-roof entire roof. Gutters and downspouts excluded under this application.

\* Excluded under Chapter P, Sect. 9.3: "...repair or replacement of any exterior architectural feature... which does not involve a change in design, material, or the outward appearance thereof," ...

**Requirments:**

1. Replacement shingles shall be "Certainteed Landmark Pro" asphalt shingles. Color as selected by Owner.
2. Low slope roof shall be "Certainteed Flintlastic" self-adhered roofing. Color as selected by Owner.
3. Drip edge color must match wood trim color.
4. Ridge vent (if used) must run from gable end to gable end.
5. Chimney flashing (if used) must be lead or lead-coated copper. Mill finish aluminum is not permitted.
6. Any vent pipe flashing visible from School Street must be black neoprene, copper or lead-coated copper. Mill finish aluminum is not permitted.
7. Vent pipes should be dark color metal; if PVC then PVC should be painted a dark color.

The applicant may proceed with the proposed work provided all other approvals have been obtained, including a Building Permit or Sign License where required. This Certificate is valid for work commenced within one year of the date of issuance. An extension or renewal of the Certificate may be granted at the discretion of the commission. If a property changes ownership during the time the

Certificate is in force, a new owner who wishes to continue the authorized work must apply to have a new Certificate issued in his or her own name.

Application received 2/20/25

Date of Public Hearing NA

Certificate approved by David Honn

Date 3/28/25

for Historic District Commission

Copies to: Applicant

Town Clerk

Building Commissioner

HDC File

RECEIVED  
TOWN CLERK  
TOWN OF ACTON, MA

2025 FEB 20 PM 4:42

Application # 2507

**TOWN OF ACTON  
HISTORIC DISTRICT COMMISSION**

472 Main Street, Acton, MA 01720

**APPLICATION FOR CERTIFICATE**

**This information will be publicly posted on the Town of Acton website docushare.**

Pursuant to Ch. 40C of the General Laws of Massachusetts, application is hereby made for issuance of the following Certificate for work within a Local Historic District (please check one):

Cert. of Appropriateness (Building Alteration/Sign/Fence/Change of Ownership) Fee: \$10 \_\_\_\_\_

Cert. of Appropriateness (Building Addition other than deck/New Bldg/Demolition) Fee: \$50 \_\_\_\_\_

Cert. of Hardship (for either category of Appropriateness) Fee: \$10 or \$50 (as appropriate) \_\_\_\_\_

Cert. of Non-Applicability No Fee \_\_\_\_\_

**Fees waived for non-profit or municipal applicants.**

Applicant: Freddy Campoverde

Telephone: 508-873-1884

Address: 43 Broad St, Hudson, MA  
Suite C404 01749

E-mail: Sales@goldengrouproofing.com

Property owner and address:  
(if different from applicant) Robin O'Donoghue  
48 Windsor Ave, Acton, MA 01720

Contact information: (617)-543-4569

Eljon@goldengrouproofing.com

Location of Work:

District: Center \_\_\_ West \_\_\_ South \_\_\_

No. 48 Street Windsor Ave

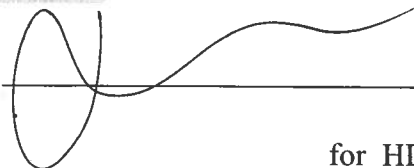
774-386-6414

Description of Work: (See website Instructions regarding information that is here required)

Strip and reroof

The undersigned hereby certifies that the information on this application and any plans submitted herewith are correct, and constitute a complete description of the work proposed. By my signature below, I acknowledge that this application and all its data will be publicly posted on the Town of Acton website docushare.

Signature of applicant



Date:

2/19/25

Application received by

for HDC Date:

COA approved/CNA issued by

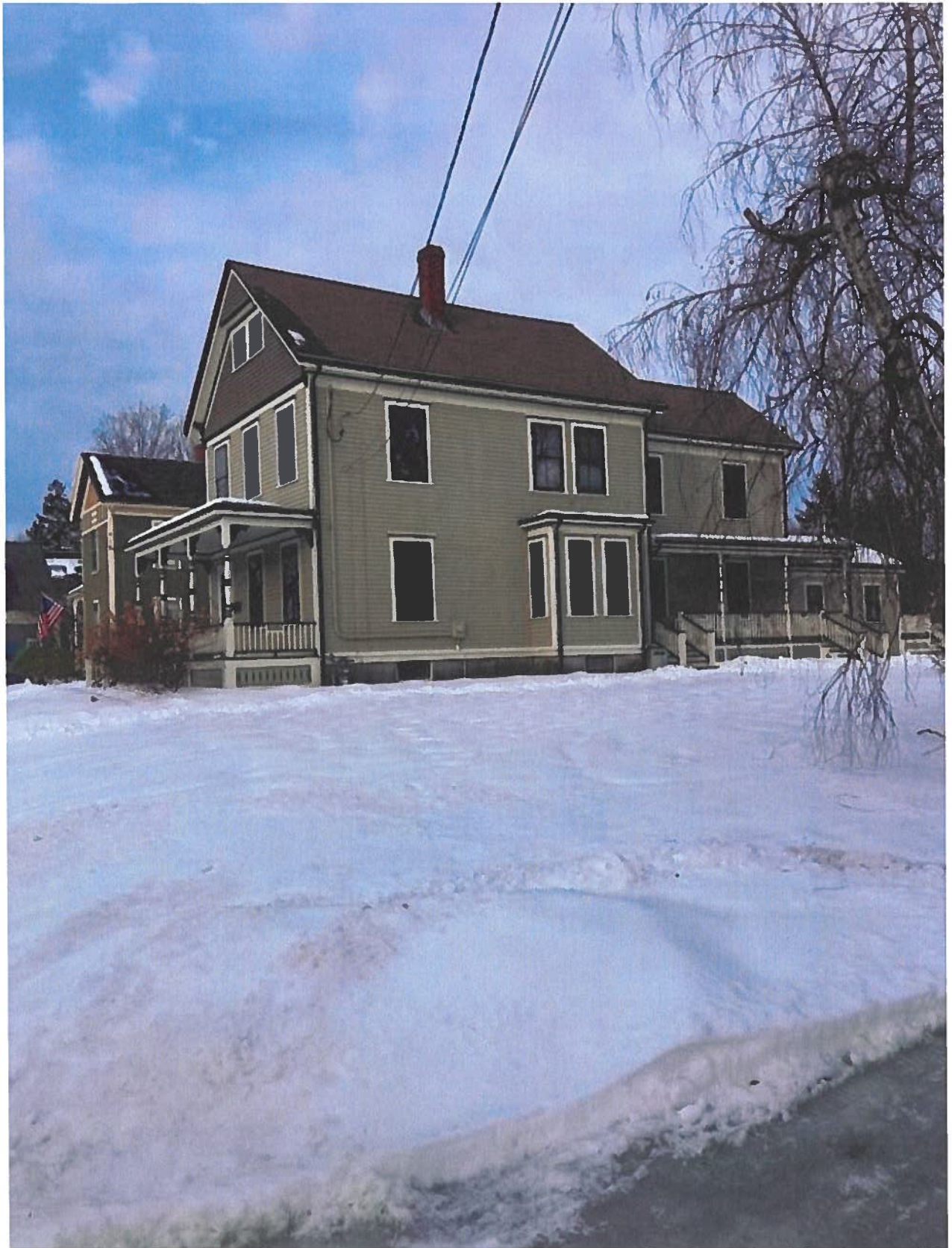
for HDC Date:













# Landmark<sup>®</sup> PRO

The Expert's Choice

**certainteed**  
SAINT-GOBAIN



Landmark PRO, shown in  
Max Def Driftwood

  
SAINT-GOBAIN

# Introducing More Value

Landmark® PRO is designed specifically for the professional roofing contractor that takes pride in providing more to their customer.

**Landmark PRO improves upon the reliable CertainTeed Landmark shingle.**

We started by adding more weathering asphalt to the industry's toughest fiberglass mat to provide more protection. Then we incorporated our Maximum Definition color blend technology to give the product more vibrancy on the roof. Included is the proven performance of our **NailTrak®** feature, enabling faster installation.

Landmark PRO offers the industry's strongest warranty. Protecting your reputation and safeguarding homeowners from manufacturing and aesthetic defects.

#### **LANDMARK PRO STANDARD WARRANTY**

- Lifetime Limited Warranty
- 10-years of SureStart™ protection
- 15-year 110 MPH wind warranty (Upgrade to 130 MPH available. CertainTeed starter and CertainTeed hip and ridge required.)
- 30-year **StreakFighter®** algae resistance warranty

Add it all up and what you get is the opportunity to offer a lot of additional value for the money... and today that means more than ever.

## Landmark® PRO

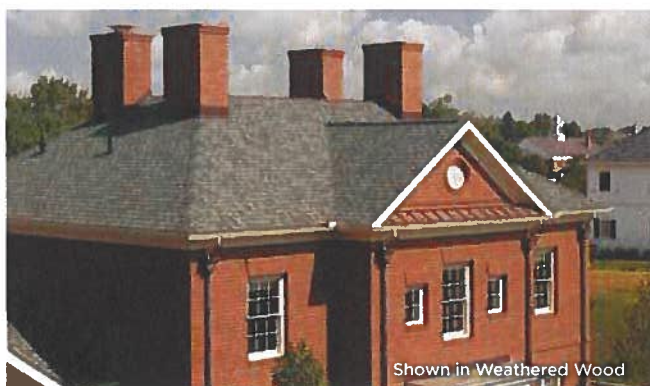


#### **Landmark PRO specifications:**

- Premium Max Def color palette
- **NailTrak®** for faster installation
- Lifetime limited warranty
- 30-year **StreakFighter®** algae resistance
- 10-year SureStart protection includes:
  - Materials, labor, tear off and disposal cost
- 15-year 110 MPH wind warranty with upgrade to 130 MPH available
- **UL 2218 Class 3 Impact Rated**



## Landmark®



#### **Landmark specifications:**

- Traditional color palette
- **NailTrak®** for faster installation
- Lifetime limited warranty
- 25-year **StreakFighter®** algae resistance
- 10-year SureStart protection includes:
  - Materials and labor costs
- 15-year 110 MPH wind warranty with upgrade to 130 MPH available
- **UL 2218 Class 3 Impact Rated**





# LANDMARK® PRO COLOR PALETTE



Max Def Cobblestone Gray



Max Def Colonial Slate



Max Def Georgetown Gray



Max Def Weathered Wood



Max Def Driftwood



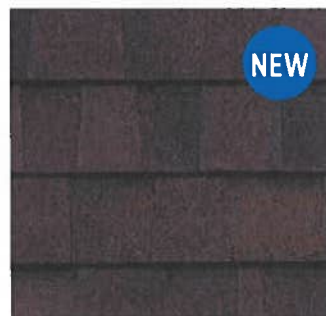
Max Def Pewterwood



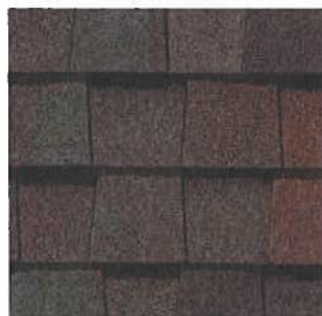
Max Def Charcoal Black



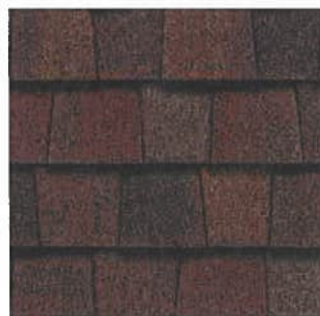
Max Def Moiré Black



Max Def Espresso



Max Def Heather Blend



Max Def Shenandoah



Max Def Burnt Sienna



Max Def Resawn Shake



Max Def Coastal Blue



Max Def Red Oak



Max Def Evergreen

## Max Def Colors

Look deeper. With Max Def, a new dimension is added to shingles with a richer mixture of surface granules. You get a brighter, more vibrant, more dramatic appearance and depth of color. And the natural beauty of your roof shines through.

*NOTE: Due to limitations of printing reproduction, CertainTeed can not guarantee the identical match of the actual product color to the graphic representations throughout this publication.*



Scan code for  
more information



# Asphalt Shingle Residential Products

2025 Limited Warranty





Congratulations and thank you for your recent purchase of one of the fine products from CertainTeed Roofing! Since 1904, CertainTeed has been producing quality roofing products that provide long-lasting beauty and protection for homes of every size, style and age. For over 100 years, the basis for our name, "Quality made certain, satisfaction guaranteed," has been our ongoing philosophy.

Your CertainTeed roofing warranty fully explains how CertainTeed supports its products with the strongest warranty protection available. It is important that you read the warranty section of this brochure. The warranty lists the specific CertainTeed asphalt shingle products that are covered and the period of time for which they are covered. Take the time to understand how CertainTeed protects your purchase by standing behind our products.

### **Limited, Prorated and Transferable Warranty**

This warranty covers asphalt shingle products listed in Table 1, sold only in the United States of America, its territories and Canada.

#### **What and Who Are Covered and for How Long**

From the date of installation, CertainTeed warrants to the original property owner/consumer that, when subject to normal and proper use, its shingles will be free from manufacturing defects for the warranty period specified in Table 1. CertainTeed will pay to repair, replace or clean, at its option, any shingles CertainTeed determines are defective under the terms of this Limited Warranty. In the event of repair, replacement or cleaning pursuant to the terms of this Limited Warranty, the warranty applicable to the original shingles shall apply to the repaired, replaced or cleaned shingles and will extend for the balance of the original warranty period.

Lifetime means for as long as the original individual property owner owns the property where the shingles are installed.

The Lifetime warranty period offered for certain shingles in Table 1 is only available to individual property owners. The warranty period for shingles installed on premises not used by individual property owners as their residence is limited as specified in Table 1. All property owners, who are not individual property owners, and all structures not used by individual property owners as their residence (e.g. corporations, governmental agencies, partnerships, religious organizations, schools, condominiums, property owner associations or cooperative housing arrangements, apartment buildings, and any other type of building or premises not owned by individual property owners) called "Other Ownership" are limited to either a 50-year or 40-year warranty period described in Table 1.

In addition, for Patriot Shingles and Other Ownership after the SureStart™ Protection period ends, this Limited Warranty only covers manufacturing defects that cause leaks.

### **SureStart™ Protection**

Because CertainTeed roofing products are manufactured to the highest quality standards, we confidently include the additional assurance of SureStart™ protection. SureStart provides the strongest non-prorated protection you can get in the vital early years of your new roof.

All of CertainTeed's shingle products are covered by SureStart protection. Under this warranty feature, CertainTeed, at no charge, will pay to repair or replace, at its option, any shingles CertainTeed determines are defective during the SureStart period. Note: Wind warranty and algae warranty are covered separately as described on page 5. The SureStart period begins on the date of application and terminates following the warranty period specified in Table 1. CertainTeed's maximum liability under SureStart is equal to the reasonable cost of comparable replacement shingles and labor as determined by CertainTeed to replace or repair the defective shingles. Roof tear-off, metal work, flashing and disposal expenses, and other costs or expenses incurred during such repair or replacement are not covered or reimbursed by this Limited Warranty, except for certain products with Lifetime warranty periods specified in Table 1, for which CertainTeed's maximum liability also includes the cost of roof tear-off, metal work, flashing and disposal.

In instances in which CertainTeed, under the terms of this warranty, has agreed to pay the reasonable cost of labor required to repair or replace defective shingles, CertainTeed will determine labor costs by Bluebook® or RS Means® data. CertainTeed will provide reimbursement for labor only upon receipt of a copy of the contractor's invoice or other written evidence of the completion of such work which CertainTeed, in its sole discretion, deems acceptable. If product is "self-installed" RS Means or BlueBook will be the sole basis for reimbursement on labor costs.

Costs associated with removal or replacement of overburden (items installed over the shingles, including but not limited to, solar panels, satellite dishes and gardens) are the sole responsibility of the property owner.

SureStart protection does not extend to any shingles applied to non-ventilated or inadequately ventilated roof deck systems as determined by CertainTeed, except as stated on page 4. CertainTeed's maximum contribution toward the cost of repairing or replacing defective shingles applied to a non-ventilated or inadequately ventilated roof deck system is calculated using the reasonable cost of comparable replacement shingles as determined by CertainTeed less 1/120th of that amount multiplied by the number of months from the start of the warranty period to the date when CertainTeed determines the shingles are defective. Labor costs, roof tear-off, metal work, flashing and disposal expenses, and other costs or expenses incurred during such repair or replacement are not covered or reimbursed by this Limited Warranty. For Patriot Shingles and Other Ownership to be covered under this section, the manufacturing defect must cause leaks.

## Beyond SureStart™ Protection

After the SureStart Protection period, if CertainTeed determines its shingles have a manufacturing defect, CertainTeed's maximum contribution toward the cost of repairing or replacing defective shingles will be calculated using the reasonable cost of comparable replacement shingles as determined by CertainTeed less the Reduction Figure Per Month, specified in Table 1, for the number of months from the start of the warranty period to the date when CertainTeed determines the shingles are defective. Labor costs, roof tear-off, metal work, flashing and disposal expenses, and other costs or expenses incurred during such repair or replacement are not covered or reimbursed by this Limited Warranty. For Patriot Shingles and Other Ownership to be covered under this section, the manufacturing defect must cause leaks.

TABLE 1

<b>Lifetime Products<sup>A</sup></b>	<b>Warranty Period</b>	<b>SureStart Period</b>	<b>Wind Warranty Miles Per Hour</b>	<b>Algae Resistant Warranty Period<sup>1</sup></b>	<b>Reduction Figure Per Month</b>
Grand Manor*	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
Presidential Shake* TL**	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
Landmark* TL**	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
Presidential Shake* (& IR)**	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
Carriage House*	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
Belmont* (& IR) <sup>2</sup>	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
Landmark* Premium	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
Landmark* PRO <sup>2</sup>	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
NorthGate* ClimateFlex <sup>*2</sup>	Lifetime <sup>A</sup>	10 Years	110"	30	1/600*
Highland Slate*	Lifetime <sup>A</sup>	10 Years	110"	25	1/600*

<b>Lifetime Products<sup>B</sup></b>	<b>Warranty Period</b>	<b>SureStart Period</b>	<b>Wind Warranty Miles Per Hour</b>	<b>Algae Resistant Warranty Period<sup>1</sup></b>	<b>Reduction Figure Per Month</b>
Landmark* ClimateFlex <sup>*2</sup>	Lifetime <sup>B</sup>	10 Years	110"	25	1/600*
Landmark***	Lifetime <sup>B</sup>	10 Years	110"	25	1/600*
Patriot™/Patriot™ XL	Lifetime <sup>B</sup>	10 Years	110"	10	1/600*

<b>25 Year Products</b>	<b>Warranty Period</b>	<b>SureStart Period</b>	<b>Wind Warranty Miles Per Hour</b>	<b>Algae Resistant Warranty Period</b>	<b>Reduction Figure Per Month</b>
XT™25 <sup>3</sup>	25 Years	5 Years	60	10	1/300
Any shingles applied to any inadequately ventilated roof deck	10 years <sup>1</sup>	N/A	N/A	N/A	1/120

\*\* Including Solaris colors. (see footnotes to Table 1)

### FOOTNOTES TO TABLE 1.

- A. The Lifetime Warranty period is only available to individual property owners on premises used as their residence. The warranty period for Other Ownership for these shingles is limited to 50 years and the SureStart period is 10 years following the installation of the shingles. **Roof tear-off, metal work, flashing and disposal expense, incurred during repair or replacement are covered or reimbursed by this Limited Warranty.** Limited Warranty transferees during the SureStart™ period are limited to a 50-year warranty period (see section titled "Transfers During the SureStart Period" for details). All products under 30 year Algae Resistant Warranty period are prorated after 15 years.
- B. The Lifetime Warranty period is only available to individual property owners on premises used as their residence. The warranty period for Other Ownership for these shingles is limited to 40 years and the SureStart period is 5 years following the installation of the shingles. Limited Warranty transferees during the SureStart period are limited to a 40-year warranty period (see section titled "Transfers During the SureStart Period" for details). All products under 25 year Algae Resistant Warranty period are prorated after 10 years.



# FLINTLASTIC® SA

Self-Adhered Roof Systems for Low-Slope Residential Roofs

Includes Application Instructions  
for Ambient Temperatures, 20°F – 49°F





## Self-Adhered SBS-Modified Bitumen Roofing System For Low-Slope Roofs

CertainTeed Flintlastic® SA is a premium, self-adhered SBS-modified bitumen roofing system. With high quality materials bottom to top, components of the Flintlastic SA system include:

BASE/ANCHOR & INTERPLY SHEETS			
Product	Description	Weight/Unit	Coverage/Volume
Flintlastic® SA NailBase	Base Sheet (MF), SBS-modified, extra-strength fiberglass reinforcement	82 lbs.	2 squares
Flintlastic SA PlyBase	Base ply or interply (SA), SBS-modified, extra-strength fiberglass reinforcement	86 lbs.	2 squares
Flintlastic SA MidPly	Premium base ply or interply (SA) for extended warranty durations, SBS-modified, heavy-duty fiberglass reinforcement	63 lbs.	1 square

CAP SHEETS			
Product	Description	Weight/Unit	Coverage/Volume
Flintlastic SA Cap	Workhorse cap (SA), SBS-modified, stress resistant polyester reinforcement	95 lbs.	1 square
Flintlastic SA Cap CoolStar®	Highly reflective cap (SA), SBS-modified, stress resistant polyester reinforcement	93.5 lbs.	1 square
Flintlastic SA Cap FR	Fire retardant cap (SA), SBS-modified, heavy-duty fiberglass reinforcement	88 lbs.	1 square
Flintlastic SA Cap FR CoolStar	Highly reflective, fire retardant cap (SA), SBS-modified, heavy-duty fiberglass reinforcement	88.5 lbs.	1 square

PRIMERS & ADHESIVES			
Product	Description	Weight/Unit	Coverage/Volume
FlintPrime QD	Quick dry asphalt-based primer, typically used for substrate preparation for roof systems with self-adhered base plies	50 lbs.	5G, 666 sq. ft.
FlintPrime Aerosol	Asphalt-based primer in spray can, typically used for details	1.25 lbs.	15 oz., 18 sq. ft.
FlintBond® Caulk or Trowel	SBS-modified adhesive for use on endlaps and granule preparation within details*	0.9 lbs. 28 lbs. 48 lbs.	10.1 oz., 24 lf. (1/4" bead); 3G, 120 lf. (4" wide, 1/8" thick); 5G, 200 lf. (4" wide, 1/8" thick)

\*A hot air welder, in combination with a hand-held silicone roller, may also be used for these details in lieu of FlintBond and is required for cold weather application.

### What Are The Advantages?

Self-adhered roofing offers the time-tested protection of modified bitumen roof systems for a fraction of the labor with no fumes, flame, asphalt kettle or occupant disturbance. The application of self-adhered low-slope roof systems is also easier to master than traditional bituminous application methods.

#### Flintlastic SA systems are valued for:

- Superior initial and long-term bonds;
- Excellent applicator handleability in hot or cold temperatures;
- Allowed application temperatures as low as 20°F (cold weather application instructions must be followed when ambient temperatures are between 20°F - 49°F);
- Wide array of cap sheet colors true-blended to complement popular CertainTeed shingles
- National stocking at all CertainTeed facilities with mix-truck allowance (shingles/Flintlastic SA);
- Excellent sales and applicator support.



## Where can I use it?

The value associated with labor savings and safety can be applied to any roof project. In addition, Flintlastic SA roof systems are ideal when access to the roof is limited, such as high-rise buildings. And no asphalt kettle means no odor, which makes SA systems an ideal solution on healthcare, education, hospitality and residences/condos where occupant comfort is tremendously desirable.

## Energy Savings

Flintlastic SA Cap and SA Cap FR are available with CoolStar highly reflective granules. Specific

product details can be found on product technical data sheets or by viewing [www.coolroofs.org](http://www.coolroofs.org).

## Considerations for Intended Use

If multiple SA products are listed, products are listed in order of warranty duration from shortest to longest, with the exception of SA Cap and SA Cap FR; SA Cap FR is intended for use where Class A fire rating is required (see [iq.ulprospector.com](http://iq.ulprospector.com) for Class A system specification).

**NOTE:** Removal of the roof system (at end of life) may be difficult when adhering PlyBase or MidPly direct to a roof deck (i.e. wood, concrete).

### LOW-SLOPE RESIDENTIAL SA SYSTEMS ON WOOD DECKS

Warranty Duration	Base Sheet	Base Ply	Interply	Cap
10 <sup>1</sup>	—	—	—	SA Cap (FR)
12	SA NailBase	—	—	
15 <sup>2</sup>	SA NailBase	—	SA PlyBase <sup>3</sup>	
20 <sup>2</sup>	SA NailBase	—	SA MidPly <sup>3</sup>	

<sup>1</sup>Sure Start™ Limited Warranty coverage is limited to twenty (20) squares.

<sup>2</sup>Sure Start Plus 3, 4 or 5 STAR Limited Warranty Coverage is limited to ten (10) squares.

<sup>3</sup>Direct adhesion to wood, without the inclusion of the base sheet, is permitted and requires priming with FlintPrime QD; roof systems self-adhered to wood decks are limited to Sure Start Limited Warranties; direct adhesion to wood is not permitted by code in Miami-Dade County (check your local building code); at the end of the roofing membrane's life, roofing membranes directly adhered to wood roof decks will require replacement of the deck; self-adhering to wood plank decks constructed of resinous woods, such as pine, is prohibited.

## Important Application Considerations

Every professional roofer is familiar with the tools needed to complete a roof installation, but just as a recap, specific tools you'll need to install Flintlastic SA include:

- A weighted roller for pressing the membrane into place, 2" to 4" in diameter (70 lbs.);
- Suitable trowel for applying FlintBond to flashing details;
- Roofer's knife with hooked blade;
- Caulk gun for applying beads of FlintBond;
- Seam probing tool to check for voids;
- Hot Air Welder for cold weather applications or, if preferred, for flashing details year round;
- **AS NEEDED:** Long-handled (standing) roller with 1/8"- 1/4" nap for applying primer (1/8" nap for smooth surfaces, 1/4" nap for more porous surfaces).

## Storage

- Store Flintlastic SA rolls indoors on upright pallets, protected from the elements. Improperly stored rolls or those that have been warehoused for prolonged periods of time may lose their tack and should not be used.

- In cold weather, rolls MUST be stored indoors, minimum 60°F, or in warming huts prior to application. Allow material to relax a minimum of 15 minutes prior to installation. Avoid allowing rolls to fall below 50°F to avoid material contraction.

## General Precautions

- Do not attempt application if ice, snow, moisture, or dew are present. When ambient temperatures are between 20°F and 49°F, cold weather application instructions must be followed (details below).
- NEVER INSTALL COLD ROLLS.
- Flintlastic SA membranes are designed to be applied together in fully self-adhered roof systems. Flintlastic SA base sheets may also be used in hybrid roof systems with a torch-applied cap. However, Flintlastic SA base sheets cannot be paired with cap sheets applied with hot asphalt or cold adhesive. Flintlastic SA Cap (or SA Cap FR) cannot be applied to any other base sheets other than as described here.
- Work with manageable lengths of base, ply and cap membranes for the particular job. Where appropriate, cut rolls into 1/3- or 1/2 -roll lengths.
- All plies of the assembly should be installed in one day. If any other base sheet must be exposed for longer periods of time, cover with tarp or suitable alternate protection.

- Substrates must be free of dust, dirt, oil, debris and moisture.
- When applying Flintlastic self-adhered membranes on slopes exceeding 1" in 12", membranes shall be back nailed.
- When applied parallel to the slope, Flintlastic self-adhered membranes shall be blind-nailed at end laps 2" in from top edge, 6" o.c. through tin discs and to wood nailers. (See General Requirements Section of CertainTeed Commercial Roof Systems Specifications for details.)
- If the material isn't bonding, **STOP** the application immediately!

### Primers & Adhesives

- If primer is used, it must be applied at the specified rate and be allowed to cure as specified.
- When using FlintBond for flashing details, target 1/4" FlintBond bleed out at endlap areas. Be careful not to roll weighted roller into bleed out.

**Do not use cold adhesives**, such as FlintBond, with Flintlastic self-adhered membranes other than for flashing details and cap sheet overlaps as described here.

### Cold Weather Application

- NEVER INSTALL COLD ROLLS.
- Store materials in a heated location and draw materials as needed. If the materials have been exposed to cold temperatures, allow a sufficient period of time in a heated environment for them to warm to 50°F.
- A hot air welder, used with a hand-held silicone roller, should be utilized to heat and seal sidelaps, endlaps and details.
- Specific "heat and roll" instructions are included within subsections of this Chapter. **DO NOT** overheat or attempt to weld laps with a torch.

Additional application details and recommendations can be found in the CertainTeed Commercial Roof Systems Specifications manual.

### Base Application

#### Utilization of Base Sheet

- Flintlastic SA NailBase may be used as an base sheet (mechanically fastened).
- Flintlastic SA PlyBase and/or Flintlastic SA MidPly may be used as a base ply (fully adhered, water-tight).

**NOTE:** PlyBase and/or MidPly may also be used as interply layers in three-ply systems, see Interply Application (Optional).

Prior to application of the base sheet, inspect the roof substrate to make sure it is free of dust, dirt, oil, debris and moisture.

Start with an appropriate roll width (**see Field Details Reference**) to accommodate offsetting of sidelaps of subsequent layers in the roof system for increased water protection. Cut rolls into manageable lengths and allow to relax a minimum of 15 minutes.

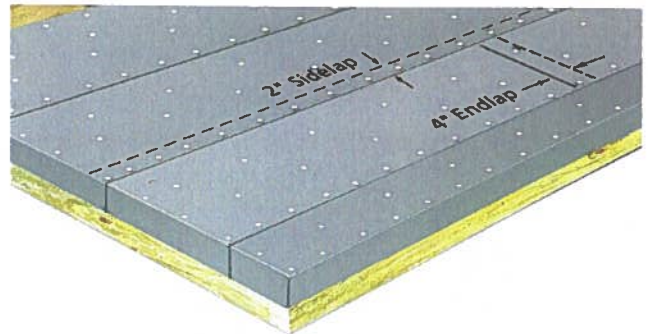
FIELD DETAILS REFERENCE

	2-PLY SYSTEMS		3-PLY SYSTEMS		
	Base	Cap	Base	Ply	Cap
Starter row width	19-11/16" (1/2 roll)	39-3/8" (full roll)	26-1/4" (2/3 roll)	19-11/16" (1/2 roll)	39-3/8" (full roll)
Side laps	2"	3"	2"	2"	3"
End laps, staggered 36"	4"	6"	4"	4"	6"

Last, if ambient temperatures are below 50°F make certain that rolls are kept in a heated location and draw materials as needed. If exposed to cold temperatures, allow a sufficient time for them to warm to 50°F. Never use a torch to heat rolls.

### Base Sheet - Mechanically Attached

If the roof system calls for a mechanically attached base sheet, begin at the low point of the roof, mechanically fasten Flintlastic SA NailBase to nailable deck using appropriate fasteners (**see Fasteners chart**). Install so that no sidelaps are against the flow of water. A minimum fastening pattern is every 9" on center on sidelaps and every 18" on center in two staggered rows in the field of the sheet. Overlap base sheet sidelaps a minimum 2" and endlaps 4".



Turn base sheet over facia by 2" and fasten. Offset endlaps of adjacent courses a minimum of 3'.

**Do Not Leave Base Sheet Exposed To The Weather.** Cover in the same day with optional SA interply and/or SA Cap (FR).

### Base Ply - Self-Adhered

SA PlyBase or SA MidPly may be self-adhered to approved substrates. (**See Approved Substrates Reference table**. In accordance with published exclusions from warranty coverage CertainTeed shall not be held responsible for failure caused by settlement, deflection, movement, moisture content, inadequate attachment, or other deficiencies of the roof deck, preexisting roof system, walls, foundations or any other part of the building structure, insulation or other materials underlying the product.)