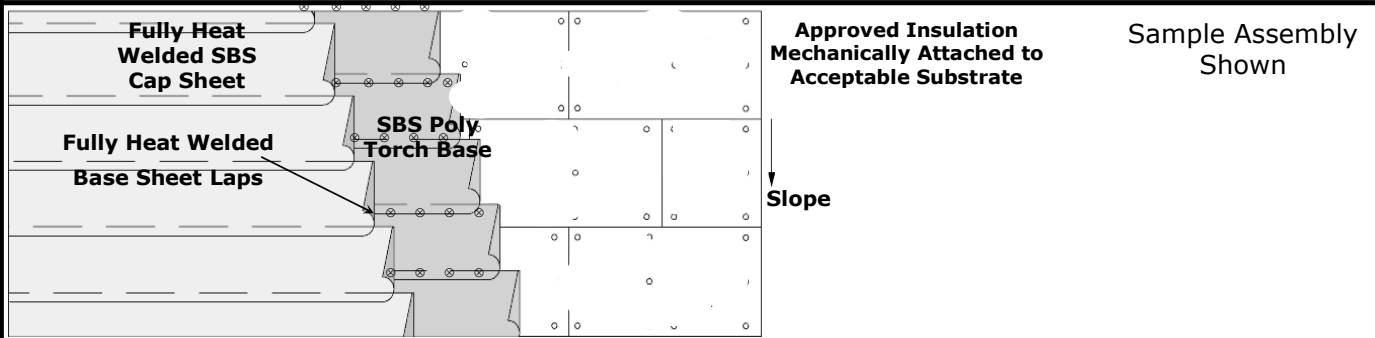


SBS Mechanically Attached System Specifications



Consult the Firestone Technical Specifications Manual for specific installation requirements

Deck

- Min. 22 Gauge Steel

Insulation

Firestone ISO 95+ GL

Cover Board (Optional)

- Firestone CoverDeck ^(1,2)
- DensDeck Prime ^(1,2)

Base Sheet Attachment

- Firestone Coiled Metal Batten Strip with Firestone HD Fasteners
- Firestone Metal Batten Strip with Firestone HD Fasteners
- Firestone MB 2" Metal Plate with Firestone HD Fasteners

- Mechanically attach with Firestone fasteners & plates ⁽¹⁾

Firestone recommends that a design professional be consulted regarding the need for a Vapor Retarder

NOTE: Consult the Modified Bitumen Design Guide for the specific requirements of FM rated systems

Surfacing

- Firestone PC-100 and Acrylic Base Coat for Asphalt Systems is REQUIRED for 25 year Medallion Red Shield Modified Bitumen Systems

WARRANTY REQUIREMENTS		BASE SHEET	INTERPLY SHEET	CAP SHEET	
25 YEAR	1 Ply- Mechanically attached SBS Torch Base Sheet And 1 Ply - Fully Heat Welded Granule Surfaced Cap Sheet And Firestone AcryliTop Coating System for Asphalt	Mechanically attached Base Sheet <input type="checkbox"/> SBS Smooth ^(2,3) <input type="checkbox"/> SBS Poly Torch Base ^(2, 3)	(Optional) <input type="checkbox"/> SBS Smooth ⁽³⁾ <input type="checkbox"/> SBS Poly Torch Base ⁽³⁾ <input type="checkbox"/> SBS Glass Torch Base ⁽³⁾	Granule Surfaced Cap Sheet Required <input type="checkbox"/> SBS Torch ⁽³⁾ <input type="checkbox"/> SBS FR Torch ⁽³⁾ <input type="checkbox"/> SBS Premium FR Torch ⁽³⁾	
	1 Ply Mechanically attached SBS Torch Base Sheet And 1 Ply - Fully Heat Welded Granule Surfaced Cap Sheet			<input type="checkbox"/> SBS Smooth ⁽³⁾ <input type="checkbox"/> SBS Poly Torch Base ⁽³⁾ <input type="checkbox"/> SBS Glass Torch Base ⁽³⁾	<input type="checkbox"/> SBS Torch ⁽³⁾ <input type="checkbox"/> SBS FR Torch ⁽³⁾ <input type="checkbox"/> SBS Premium FR Torch ^(3, 5)
	1 Ply Mechanically attached SBS Torch Base Sheet And 1 Ply Fully Heat Welded Granule Surfaced Cap Sheet			<input type="checkbox"/> SBS Smooth ⁽³⁾ <input type="checkbox"/> SBS Poly Torch Base ⁽³⁾ <input type="checkbox"/> SBS Glass Torch Base ⁽³⁾	<input type="checkbox"/> SBS Torch ⁽³⁾ <input type="checkbox"/> SBS FR Torch ⁽³⁾ <input type="checkbox"/> SBS Premium FR Torch ⁽³⁾ <input type="checkbox"/> SBS ⁽⁵⁾ <input type="checkbox"/> SBS FR ⁽⁵⁾ <input type="checkbox"/> SBS Premium ⁽⁵⁾ <input type="checkbox"/> SBS Premium FR ⁽⁵⁾

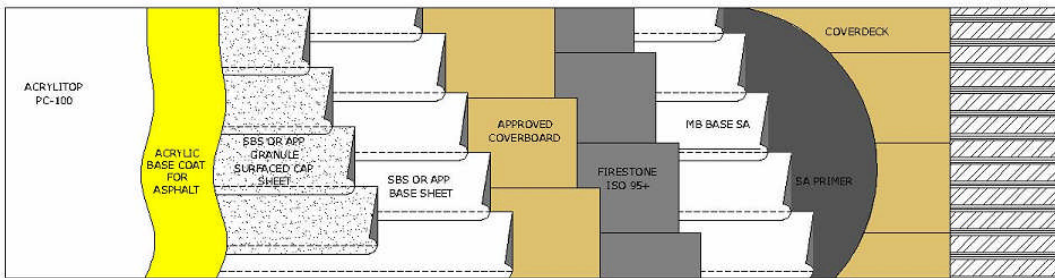
See Asphalt Roof System Quick Specs for Flashing Requirements

NOTES:	1. Mechanically attached with Firestone fasteners & plates. Firestone HD fasteners and plates are required for mechanical attachment in 20 and 25 year systems.	5. A granule surfaced cap sheet may be applied in Multi-Purpose MB Cold Adhesive over the mechanically attached SBS Torch Base.
	2. All side and end laps are lapped 4" (67.75 mm) and heat fused	
	3. Fully Heat Welded.	
	4. A torch cap sheet must be heat welded over the mechanically attached SBS Torch Base.	

Products or problems associated with the use of non-Firestone supplied products are not covered under the Firestone Warranty

SBS Self Adhesive Vapor Retarder System

25 Year Medallion Sample Assembly Shown



Consult the Firestone Technical Specifications Manual for specific installation requirements

Deck

- Min. 3000 psi Concrete
 - Approved Substrate with DensDeck Prime Attached with Firestone Fasteners
 - Approved Substrate with CoverDeck attached using Firestone Fasteners
- NOTE: Roof substrate must be cleaned and primed with SA Primer to application of Firestone MB Base SA.

Vapor Retarder

- MB Base SA in SA Primer. ISO 95+ must be adhered in I.S.O. Twin Pack.

Firestone recommends that a design professional be consulted regarding the need for a Vapor Retarder

Insulation (Optional) ^(5, 6)

Firestone ISO 95+ GL

- Mechanically attach with Firestone fasteners & plates ⁽¹⁾
- Firestone ISO Twin Pack ⁽⁵⁾
- Firestone ISO-FIX Adhesive ⁽⁵⁾

Cover Board ^(5, 6, 7)

- Firestone CoverDeck ^(1,2)
- DensDeck Prime ^(1, 2)

Surfacing

- Firestone PC-100 and Acrylic Base Coat for Asphalt Systems—**REQUIRED** for 25 year Medallion Modified Bitumen Systems

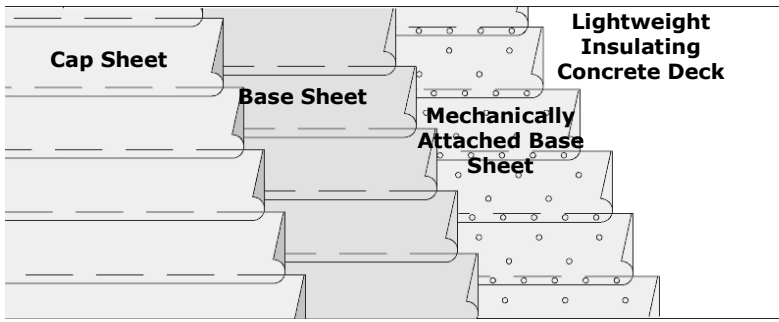
WARRANTY REQUIREMENTS		BASE SHEET	INTERPLY SHEET	CAP SHEET	
25 YEAR	1 Ply - Fully adhered Interply sheet And 1 Ply - Fully adhered Granule Surfaced Cap Sheet And Firestone AcryliTop coating system for Asphalt	<input type="checkbox"/> Base Sheet Mechanically attached ^(1, 5, 6) or <input type="checkbox"/> Fully Adhered Base Sheet ⁽⁶⁾ <input type="checkbox"/> MB Base M ^(2, 3, 7) <input type="checkbox"/> SBS Base ^(2, 3, 7) <input type="checkbox"/> SBS Poly Base ^(2, 3, 7) <input type="checkbox"/> SBS Premium Base ^(2, 3, 7) <input type="checkbox"/> SBS Smooth ^(2, 3, 7) <input type="checkbox"/> SBS Poly Torch Base ⁽⁴⁾ <input type="checkbox"/> SBS Glass Torch Base ⁽⁴⁾ <input type="checkbox"/> MB Base SA ⁽⁸⁾	15 20 25 YEAR	<input type="checkbox"/> SBS Base ^(3, 7) <input type="checkbox"/> SBS Poly Base ^(3, 7) <input type="checkbox"/> SBS Premium Base ^(3, 7) <input type="checkbox"/> SBS Smooth ^(3, 7) <input type="checkbox"/> SBS Poly Torch Base ⁽⁴⁾ <input type="checkbox"/> SBS Glass Torch Base ⁽⁴⁾ <input type="checkbox"/> MB Base SA ⁽⁸⁾	<input type="checkbox"/> SBS Cap ^(3,4) <input type="checkbox"/> SBS FR Cap ^(3,4) <input type="checkbox"/> SBS Premium ^(3,4) <input type="checkbox"/> SBS Premium FR ^(3,4) <input type="checkbox"/> SBS Torch ⁽⁴⁾ <input type="checkbox"/> SBS FR Torch ⁽⁴⁾ <input type="checkbox"/> SBS Premium FR Torch ⁽⁴⁾
	20 YEAR				
15 YEAR	1 Ply - Fully adhered Interply sheet And 1 Ply - Fully adhered Cap Sheet	12 YEAR AND LESS	<input type="checkbox"/> Firestone MB Base M ^(2, 3, 7) <input type="checkbox"/> SBS Base ^(2, 3, 7) <input type="checkbox"/> SBS Poly Base ^(2, 3, 7) <input type="checkbox"/> SBS Premium Base ^(2, 3, 7) <input type="checkbox"/> SBS Smooth ^(2, 3, 7) <input type="checkbox"/> SBS Poly Torch Base ⁽⁴⁾ <input type="checkbox"/> SBS Glass Torch Base ⁽⁴⁾ <input type="checkbox"/> MB Base SA ⁽⁸⁾		
12 YEAR	1 Ply -Fully adhered Cap Sheet ⁽⁶⁾				

See Asphalt Roof System Quick Specs for Flashing Requirements

NOTES:	<ol style="list-style-type: none"> 1. Mechanically attached with Firestone fasteners & plates. Firestone HD fasteners and plates are required for mechanical attachment in 20 and 25 year systems. 2. Applied in a continuous mopping of approved hot asphalt. 3. Applied in Firestone Multi-Purpose MB Cold Adhesive. 4. Fully Heat Welded. 5. Max Size Insulation Board 4' x 4'. 	<ol style="list-style-type: none"> 6. For warranties up to and including 25 years, the new roof membrane can be installed over an existing smooth asphalt roof membrane, a new Base Sheet, new ISO 95+, approved Cover Board, or a combination of the above. See Firestone Roofing Systems Technical Manual for specific installation requirements. 7. Wood fiber insulation is not an acceptable substrate for MB Cold Adhesive. 8. A torch cap sheet must be heat welded over the top of MB Base SA when used as a base or interply sheet. 9. When MB Base SA is installed as a vapor retarder over primed concrete, Firestone ISO95+ GL must be installed in ¾ " beads of ISO Twin Pack, 12 inches on centers.
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Products or problems associated with the use of non-Firestone supplied products are not covered under the Firestone Warranty

SBS Lightweight Concrete Deck System Specifications



Sample Assembly Shown

Consult the Firestone Technical Specifications Manual for specific installation requirements

Deck

Minimum Slope for 25 year = 1/4 in./foot

- () Lightweight Concrete (aggregate or cellular) installed according to deck manufacturers requirements)

Vapor Retarder

- () MB Base SA in SA Primer. ISO 95+ must be adhered in I.S.O. Twin Pack.
- () Two mopped Plies of Firestone Type IV or VI Ply Sheet.
- () Venting base sheet mechanically attached with asphalt glaze coat (side and end laps must be adhered with hot asphalt).⁽⁶⁾
- () MB Base SA with welded laps. ISO 95+ must be adhered in I.S.O. Twin Pack.

Insulation (Optional)^(5, 7)

Firestone ISO 95+ GL

- () Mechanically attach with Firestone fasteners & plates⁽¹⁾
- () Approved hot asphalt⁽⁵⁾
- () Firestone ISO Twin Pack⁽⁵⁾
- () Firestone ISO Spray Adhesive⁽⁵⁾
- () Firestone ISO-FIX Adhesive⁽⁵⁾

A Vapor retarder is required under the insulation on all lightweight concrete deck systems except cellular insulating concrete decks

Firestone recommends that a design professional be consulted regarding the need for a Vapor Retarder

Cover Board (Optional)^(5, 7, 8)

- () Firestone CoverDeck^(1,2)
- () DensDeck Prime^(1, 2)

Surfacing

- () Firestone PC-100 and Acrylic Base Coat for Asphalt Systems is *required* for 25 year Medallion Modified Bitumen Systems

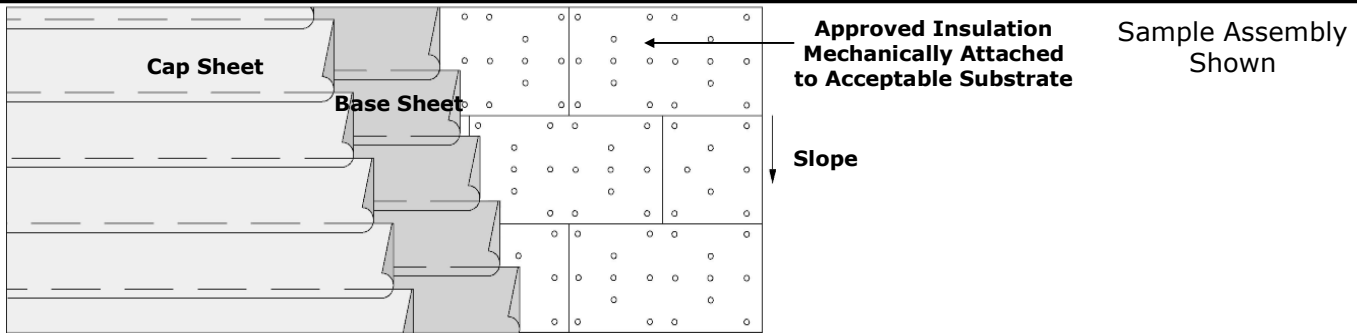
WARRANTY REQUIREMENTS		BASE SHEET	INTERPLY SHEET	CAP SHEET	
25 YEAR	1 Ply-Fully adhered Interply sheet And 1 Ply - Fully adhered Granule Surfaced Cap Sheet And Firestone AcryliTop coating system for Asphalt	A Vapor retarder is required under the insulation on all lightweight concrete deck systems except cellular insulating concrete decks⁽¹⁾ () MB Base M ^(1,6) () SBS Base ^(1,6) () SBS Poly Base ^(1,6) () SBS Premium Base ^(1,6) () SBS Smooth ^(1,6) () SBS Poly Torch Base ^(1,6) () SBS Glass Torch Base ^(1,6)	15 20 25 YEAR () SBS Base ^(3, 8) () SBS Poly Base ^(3, 8) () SBS Premium Base ^(3, 8) () SBS Smooth ^(3, 8) () SBS Poly Torch Base ⁽⁴⁾ () SBS Glass Torch Base ⁽⁴⁾ () MB Base SA ⁽⁹⁾	() SBS Cap ^(3, 4) () SBS FR Cap ^(3, 4) () SBS Premium ^(3, 4) () SBS Premium FR ^(3,4) () SBS Torch ⁽⁴⁾ () SBS FR Torch ⁽⁴⁾ () SBS Premium FR Torch ⁽⁴⁾	
	20 YEAR				1 Ply - Fully adhered Interply sheet And 1 Ply - Fully adhered Cap Sheet
	15 YEAR				1 Ply - Fully adhered Interply sheet And 1 Ply - Fully adhered Cap Sheet
	12 YEAR				1 Ply -Fully adhered Cap Sheet ⁽⁷⁾
			12 YEAR & LESS		
			() Firestone MB Base M ^(2,3,8) () SBS Base ^(2, 3, 8) () SBS Poly Base ^(2,3,8) () SBS Premium Base ^(2,3,8) () SBS Smooth ^(2,3,8) () SBS Poly Torch Base ⁽⁴⁾ () SBS Glass Torch Base ⁽⁴⁾ () MB Base SA ⁽⁹⁾		

See Asphalt Roof System Quick Specs for Flashing Requirements

NOTES:	1. Mechanically attached with Firestone fasteners & plates. Firestone HD fasteners and plates are required for mechanical attachment in 20 and 25 year systems. 2. Applied in a continuous mopping of approved hot asphalt. 3. Applied in Firestone Multi-Purpose MB Cold Adhesive. 4. Fully Heat Welded. 5. Max Size Insulation Board 4' x 4'. 6. Firestone LWC Base Ply Fasteners	7. For warranties up to and including 25 years, the new roof membrane can be installed over an existing smooth asphalt roof membrane, a new Base Sheet, new ISO 95+, approved Coverboard, or a combination of the above. See Firestone Roofing Systems Technical Manual for specific installation requirements. 8. Wood fiber insulation is not an acceptable substrate for MB Cold Adhesive. 9. A torch cap sheet must be heat welded over the top of MB Base SA.
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Products or problems associated with the use of non-Firestone supplied products are not covered under the Firestone Warranty

SBS Insulated Deck System Specifications



Consult the Firestone Technical Specifications Manual for specific installation requirements

Deck

- Min. 22 Gauge Steel
- Min. 3000 psi Concrete
- Min. 1/2" Plywood/OSB
- Min. 2" Poured Gypsum
- Min. 2" Cementitious Woodfiber

Vapor Retarder

- MB Base SA in SA Primer. ISO 95+ must be adhered in I.S.O. Twin Pack.
- Two mopped Plies of Firestone Type IV or VI Ply Sheet.
- Venting base sheet mechanically attached with asphalt glaze coat (side and end laps must be adhered with hot asphalt).⁽⁶⁾
- MB Base SA with welded laps. ISO 95+ must be adhered in I.S.O. Twin Pack.

Insulation (Optional)^(5, 6)

Firestone ISO 95+ GL

- Mechanically attach with Firestone fasteners & plates⁽¹⁾
- Approved hot asphalt⁽⁵⁾
- Firestone ISO Twin Pack⁽⁵⁾
- Firestone ISO Spray Adhesive⁽⁵⁾
- Firestone ISO-FIX Adhesive⁽⁵⁾

A Vapor retarder is required under the insulation on all lightweight concrete deck systems except cellular insulating concrete decks

Firestone recommends that a design professional be consulted regarding the need for a Vapor Retarder

Cover Board (Optional)^(5, 6, 7)

- Firestone CoverDeck^(1, 2)
- DensDeck Prime^(1, 2)

Surfacing

- Firestone PC-100 and Acrylic Base Coat for Asphalt Systems is **REQUIRED** for 25 year Medallion Modified Bitumen Systems

WARRANTY REQUIREMENTS		BASE SHEET	INTERPLY SHEET	CAP SHEET
25 YEAR	1 Ply-Fully adhered Interply sheet And 1 Ply - Fully adhered Granule Surfaced Cap Sheet And Firestone AcryliTop coating system for Asphalt	(Optional)⁽⁶⁾ <input type="checkbox"/> Mechanically attached Base Sheet or <input type="checkbox"/> Adhered Base Sheet	15 20 & 25 YEAR <input type="checkbox"/> SBS Base ^(3, 7) <input type="checkbox"/> SBS Poly Base ^(3, 7) <input type="checkbox"/> SBS Premium Base ^(3, 7) <input type="checkbox"/> SBS Smooth ^(3, 7) <input type="checkbox"/> SBS Poly Torch Base ⁽⁴⁾ <input type="checkbox"/> SBS Glass Torch Base ⁽⁴⁾ <input type="checkbox"/> MB Base SA ⁽⁸⁾	<input type="checkbox"/> SBS Cap ^(3, 4) <input type="checkbox"/> SBS FR Cap ^(3, 4) <input type="checkbox"/> SBS Premium ^(3, 4) <input type="checkbox"/> SBS Premium FR ^(3, 4) <input type="checkbox"/> SBS Torch ⁽⁴⁾ <input type="checkbox"/> SBS FR Torch ⁽⁴⁾ <input type="checkbox"/> SBS Premium FR Torch ⁽⁴⁾
	20 YEAR 1 Ply - Fully adhered Interply sheet And 1 Ply - Fully adhered Cap Sheet			
15 YEAR 1 Ply - Fully adhered Interply sheet And 1 Ply - Fully adhered Cap Sheet	12 YEAR & LESS <input type="checkbox"/> MB Base M ^(2, 3, 7) <input type="checkbox"/> SBS Base ^(2, 3, 7) <input type="checkbox"/> SBS Poly Base ^(2, 3, 7) <input type="checkbox"/> SBS Premium Base ^(2, 3, 7) <input type="checkbox"/> SBS Smooth ^(2, 3, 7) <input type="checkbox"/> SBS Poly Torch Base ^(4, 9) <input type="checkbox"/> SBS Glass Torch Base ^(4, 9) <input type="checkbox"/> MB Base SA ⁽⁸⁾			
12 YEAR 1 Ply -Fully adhered Cap Sheet ⁽⁶⁾				

See Asphalt Roof System Quick Specs for Flashing Requirements

NOTES:	1. Mechanically attached with Firestone fasteners & plates. Firestone HD fasteners and plates are required for mechanical attachment in 20 and 25 year systems.	7. For warranties up to and including 20 years, the new roof membrane can be installed over an existing smooth asphalt roof membrane, a new Base Sheet, new CoverDeck, or new DensDeck, or a combination of the above. See Firestone Roofing Systems Technical Manual for specific installation requirements.
	2. Applied in a continuous mopping of approved hot asphalt. 3. Applied in Firestone Multi-Purpose MB Cold Adhesive. 4. Fully Heat Welded. 5. Max Size Insulation Board 4' x 4'. 6. Torch base sheets cannot be heat welded directly to insulation.	8. Wood fiber insulation is not an acceptable substrate for MB Cold Adhesive. 9. A torch cap sheet must be heat welded over the top of MB Base SA when used as a base or interply sheet.

Products or problems associated with the use of non-Firestone supplied products are not covered under the Firestone Warranty