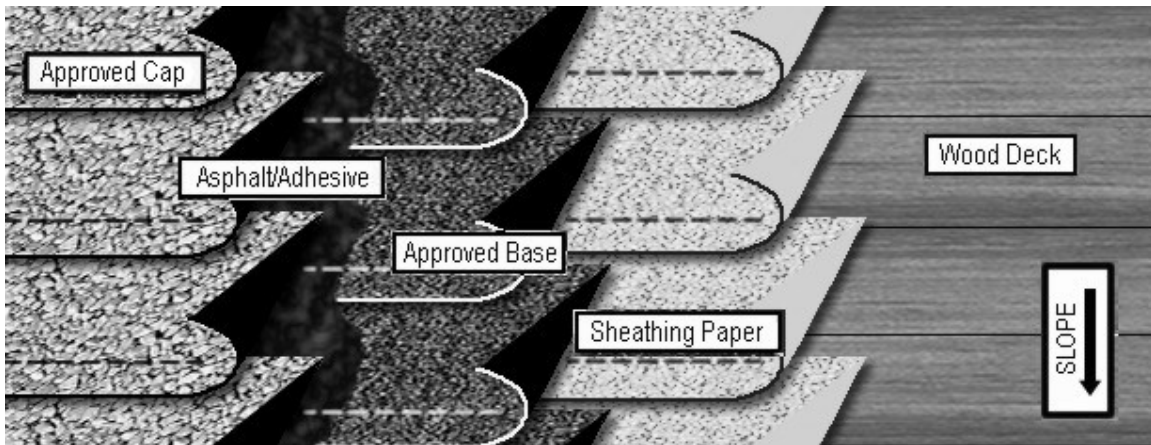


System Series	Fireguard	Wood	Wood
Deck Type	Wood		
Application	Hot Asphalt	Cold Adhesive	
Specification Number	W2H-FG160CWH	W2C-FG160CWH	
Slope Requirements	¼” – 2” per lineal foot	¼” – 2” per lineal foot	
Deck Requirements	Section IV.1, Section IV.2, Section IV.3	Section IV.1, Section IV.2, Section IV.3	
Material Requirements	Section II.2, Section II.3, Section II.6 Section VIII.2	Section II.2, Section II.3, Section II.6 Section VIII.3	
	Sheathing Paper	Sheathing Paper	
	<i>layflat</i> SBS LF25	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	Cold Adhesive	1 ½ gal.
10-Year Warranty	<i>fireguard</i> SBS FG160CWH	<i>fireguard</i> SBS FG160CWH	110 lb.



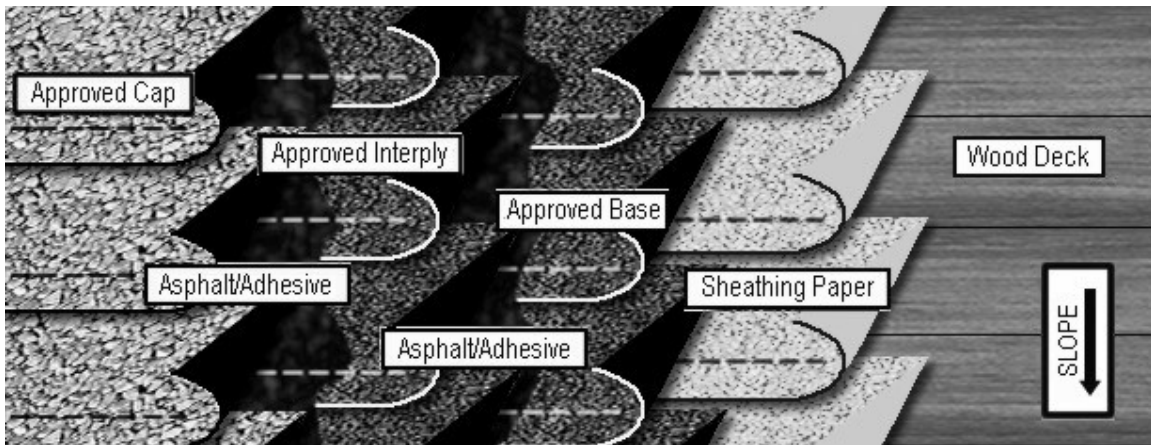
Application Cover entire roof with one layer of sheathing paper. Nail one layer of *layflat* SBS LF25 over the sheathing paper. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

Starting at low point of the roof, mop or cold apply the *fireguard* SBS FG160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating *superflex* SBS SF55PWH can be substituted as the cap sheet.

System Series	Fireguard		Wood	
Deck Type	Wood		Cold Adhesive	
Application	Hot Asphalt		W3C-FG160CWH	
Specification Number	W3H-FG160CWH		W3C-FG160CWH	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV.1, Section IV.2, Section IV.3		Section IV.1, Section IV.2, Section IV.3	
Material Requirements	Section II.2, Section II.3, Section II.6 Section VIII.2		Section II.2, Section II.3, Section II.6 Section VIII.3	
	Sheathing Paper		Sheathing Paper	
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
10-Year Warranty	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
15-Year Warranty	<i>layflat</i> SBS LF60	70 lb.	<i>layflat</i> SBS LF60	70 lb.
20-Year Warranty	<i>superflex</i> SBS SF160PSA	90 lb.	<i>superflex</i> SBS SF160PSA	90 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>fireguard</i> SBS FG160CWH	110 lb.	<i>fireguard</i> SBS FG160CWH	110 lb.



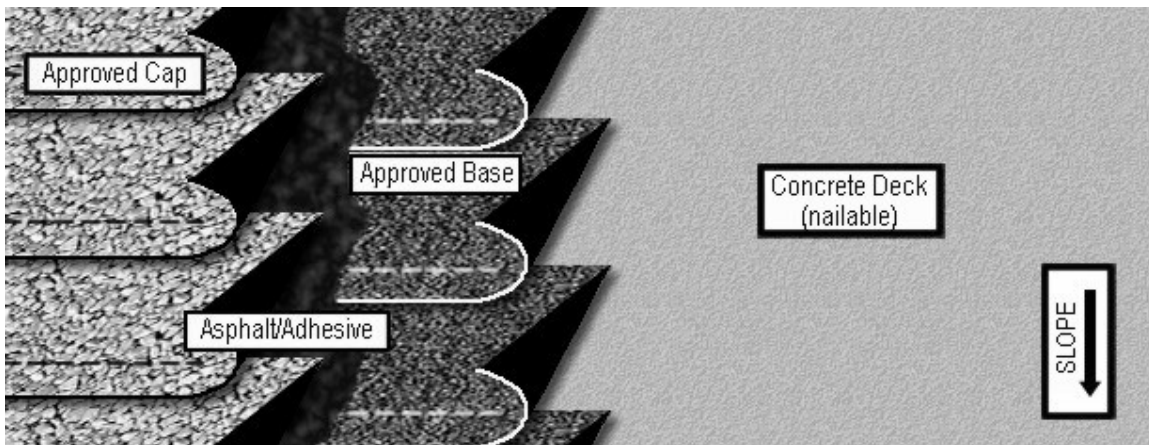
Application Cover entire roof with one layer of sheathing paper. Nail one layer of *layflat* SBS LF25 over the sheathing paper. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

Starting at the low point of the roof, install an 18” starter *layflat* SBS or *superflex* SBS interply. Hot mop or cold apply all interply layers with a minimum 3” side lap and 4” end lap.

Starting at low point of the roof, mop or cold apply the *fireguard* SBS FG160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating *superflex* SBS SF155PWH can be substituted as the cap sheet.

System Series	Fireguard		Light Weight Insulating Concrete	
Deck Type	Light Weight Insulating Concrete		Light Weight Insulating Concrete	
Application	Hot Asphalt		Cold Adhesive	
Specification Number	L2H-FG160CWH		L2C-FG160CWH	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV.7, Section IV.8		Section IV.7, Section IV.8	
Material Requirements	Section II.2, Section II.3, Section II.6 Section VIII.2		Section II.2, Section II.3, Section II.6 Section VIII.3	
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
10-Year Warranty	<i>fireguard</i> SBS FG160CWH	110 lb.	<i>fireguard</i> SBS FG160CWH	110 lb.



Application	Section IX1, Section IX.4	Section IX.1, Section IX.5
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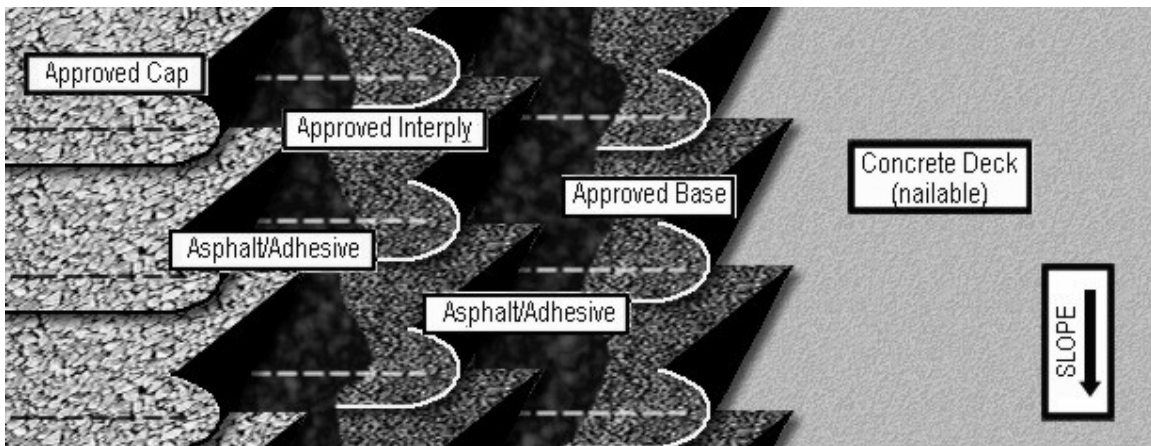
Nail base layer of *layflat* SBS LF25 to the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

Starting at low point of the roof, mop or cold apply the *fireguard* SBS FG160CWH cap and sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1” – 2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c., and side laps 8” o.c.

All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating *superflex* SBS SF55PWH can be substituted as the cap sheet.

System Series	Fireguard		Light Weight Insulating Concrete		Light Weight Insulating Concrete
Deck Type	Light Weight Insulating Concrete				Cold Adhesive
Application	Hot Asphalt				Cold Adhesive
Specification Number	L3H-FG160CWH				L3C-FG160CWH
Slope Requirements	¼” – 2” per lineal foot				¼” – 2” per lineal foot
Deck Requirements	Section IV.7, Section IV.8				Section IV.7, Section IV.8
Material Requirements	Section II.2, Section II.3, Section II.6 Section VIII.2				Section II.2, Section II.3, Section II.6 Section VIII.3
	<i>layflat</i> SBS LF25	28 lb.			<i>layflat</i> SBS LF25
	Asphalt	25 lb.			Cold Adhesive
10-Year Warranty	<i>layflat</i> SBS LF25	28 lb.			<i>layflat</i> SBS LF25
15-Year Warranty	<i>layflat</i> SBS LF60	70 lb.			<i>layflat</i> SBS LF60
20-Year Warranty	<i>superflex</i> SBS SF160PSA	90 lb.			<i>superflex</i> SBS SF160PSA
	Asphalt	25 lb.			Cold Adhesive
	<i>fireguard</i> SBS FG160CWH	110 lb.			<i>fireguard</i> SBS FG160CWH
					28 lb.
					1 ½ gal.
					28 lb.
					70 lb.
					90 lb.
					1 ½ gal.
					110 lb.



Application Section IX.1, Section IX.4 Section IX.1, Section IX.5

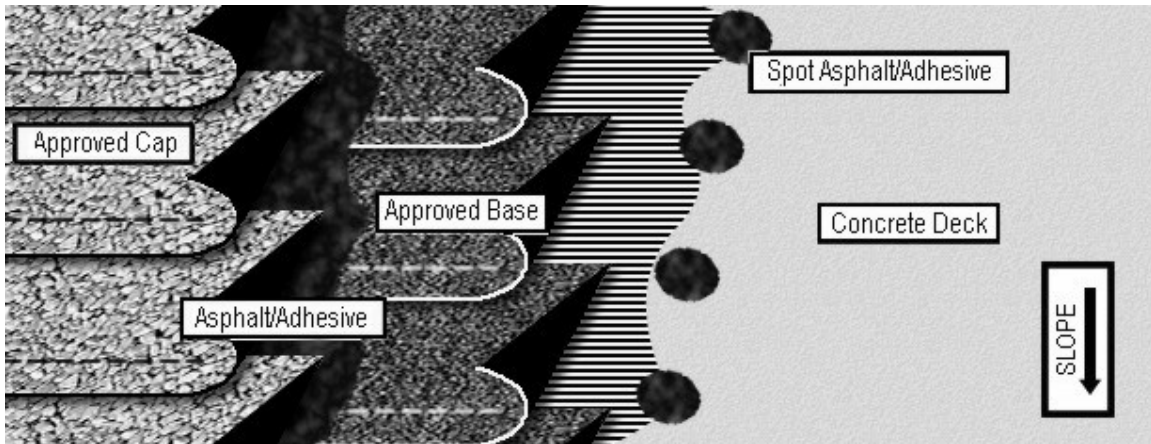
Nail base layer of *layflat* SBS LF25 to the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

Starting at the low point of the roof, install an 18” starter *layflat* SBS or *superflex* SBS interply. Hot mop or cold apply the interply layer with a minimum 3” side lap and a 4” end lap.

Starting at low point of the roof, mop or cold apply the *fireguard* SBS FG160CWH cap and sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1” – 2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c., and side laps 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating *superflex* SBS SF55PWH can be substituted as the cap sheet.

System Series	Fireguard		Non-Nailable	
Deck Type	Non-Nailable		Cold Adhesive	
Application	Hot Asphalt		C2C-FG160CWH	
Specification Number	C2H-FG160CWH		C2C-FG160CWH	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV.4, Section IV.5, Section IV.6		Section IV.4, Section IV.5, Section IV.6	
Material Requirements	Section II.2, Section II.3, Section II.6 Section VIII.2		Section II.2, Section II.3, Section II.6 Section VIII.3	
	Primer	1 gal.	Primer	1 gal.
	Asphalt – Spot Mop	-NA-	Asphalt – Spot Mop	-NA-
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	2 8 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
10-Year Warranty	<i>fireguard</i> SBS FG160CWH	110 lb.	<i>fireguard</i> SBS FG160CWH	110 lb.



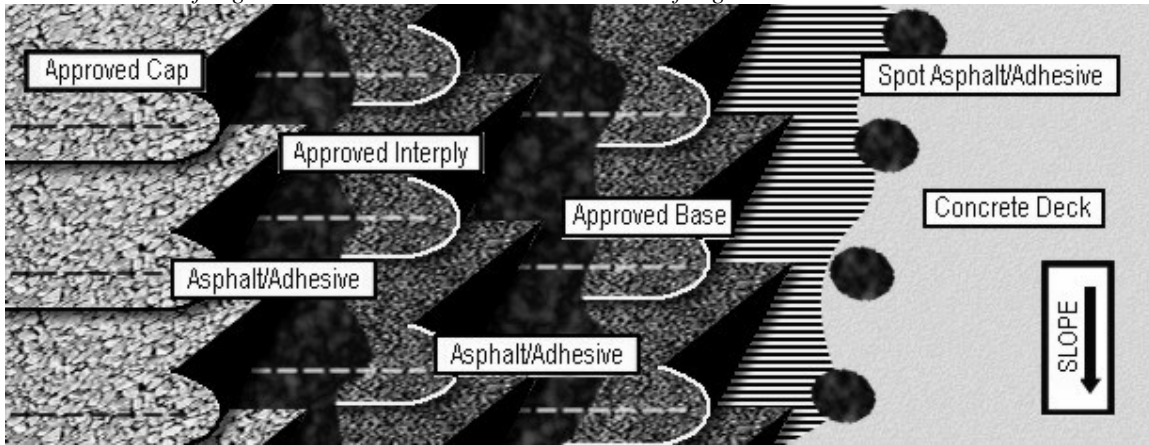
Application Prime the deck with an approved primer at the rate of 1 gallon per square. Spot apply one layer of *layflat* SBS LF25. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart.

Starting at the low point of the roof, install an 18” starter of *layflat* SBS or *superflex* SBS interplay. Hot mop the interplay layer with a minimum 3” side lap and a 4” end lap.

Starting at low point of the roof, mop the *fireguard* SBS FG160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. to existing wood nailers. Side laps will be nailed 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating *superflex* SBS SF55PWH can be substituted as the cap sheet.

System Series	Fireguard		Non-Nailable	
Deck Type	Non-Nailable		Cold Adhesive	
Application	Hot Asphalt		C3C-FG160CWH	
Specification Number	C3H-FG160CWH		C3C-FG160CWH	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV.4, Section IV.5, Section IV.6		Section IV.4, Section IV.5, Section IV.6	
Material Requirements	Section II.2, Section II.3, Section II.6 Section VIII.2		Section II.2, Section II.3, Section II.6 Section VIII.3	
	Primer	1 gal.	Primer	1 gal.
	Asphalt – Spot Mop	-NA-	Cold Adhesive-Spot	-NA-
	<i>layflat</i> SBS LF25	28 lb	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
10-Year Warranty	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
15-Year Warranty	<i>layflat</i> SBS LF60	70 lb.	<i>layflat</i> SBS LF60	70 lb.
20-Year Warranty	<i>superflex</i> SBS SF160PSA	90 lb.	<i>superflex</i> SBS SF160PSA	90 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal
	<i>fireguard</i> SBS FG160CWH	110 lb.	<i>fireguard</i> SBS FG160CWH	110 lb.



Application	Section IX.I, Section IX.4	Section IX.I, Section IX.5
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Prime the deck with an approved primer at the rate of 1 gallon per square. Spot apply one layer of *layflat* SBS LF25. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart.

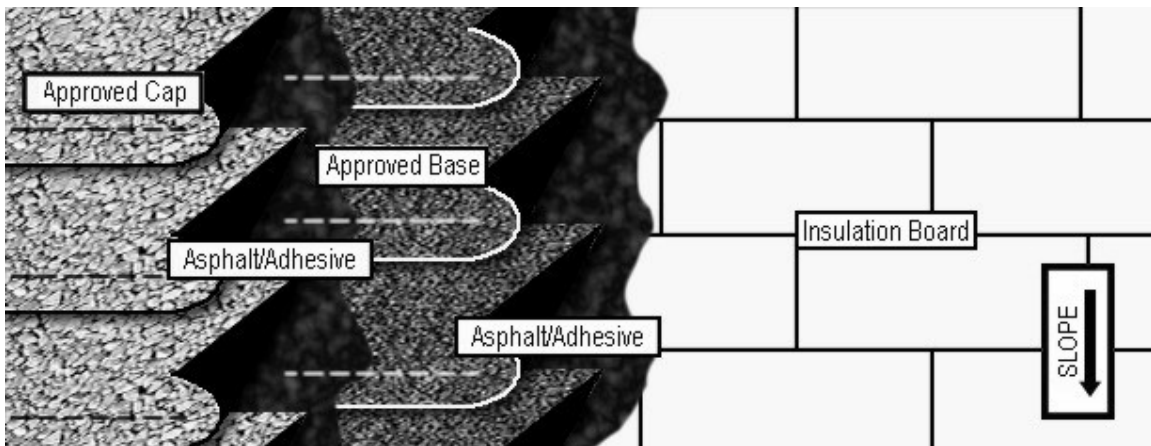
Starting at the low point of the roof, install an 18” starter of *layflat* SBS or *superflex* SBS interply. Hot mop the interply layer with a minimum 3” side lap and a 4” end lap.

Starting at low point of the roof, mop the *fireguard* SBS FG160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. to existing wood nailers. Side laps will be nailed 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating *superflex* SBS SF55PWH can be substituted as the cap sheet.

System Series	Fireguard	Insulation	Insulation
Deck Type	Hot Asphalt		Cold Adhesive
Application	I2H-FG160CWH		I2C-FG160CWH
Specification Number	I2H-FG160CWH		I2C-FG160CWH
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot
Deck Requirements	Section IV		Section IV
Material Requirements	Section II.2, Section II.3, Section II.6 Section V.1, Section VI, Section VIII.2		Section II.2, Section II.3, Section II.6 Section V.1, Section VI, Section VIII.3

	Insulation	Insulation	
10-Year Warranty	Asphalt	Cold Adhesive	1 ½ g
15-Year Warranty	<i>layflat</i> SBS LF25	<i>layflat</i> SBS LF25	28 lb.
20-Year Warranty	<i>layflat</i> SBS LF60	<i>layflat</i> SBS LF60	70 lb.
	<i>superflex</i> SBS SF160CSA	<i>superflex</i> SBS SF160PSA	90 lb.
	Asphalt	Cold Adhesive	1 ½ gal.
	<i>fireguard</i> SBS FG160CWH	<i>fireguard</i> SBS FG160CWH	110 lb.



Application Section V.7, Section VI.2, Section IX.4, Section V.7, Section VI.2, Section IX.5

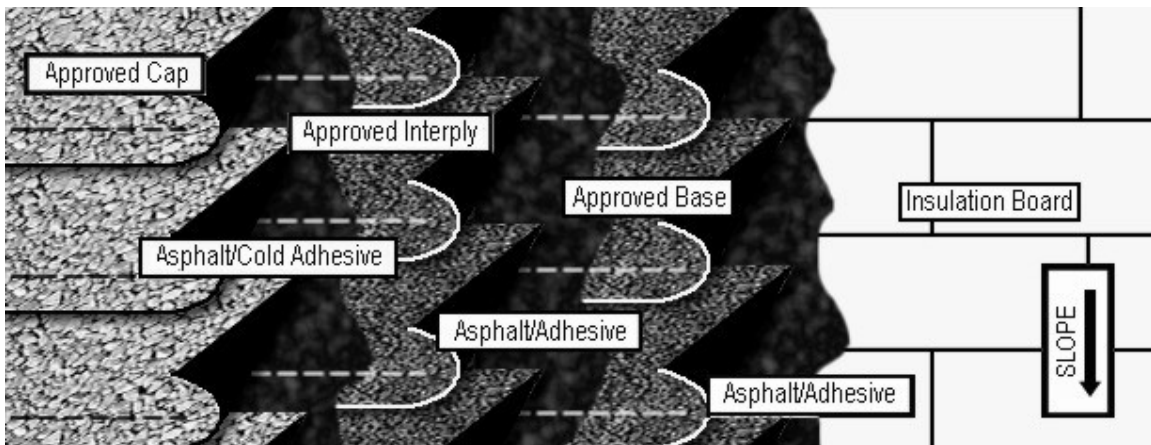
Install insulation per manufacturer’s recommendations. Mop or cold apply the base layer of *layflat* SBS or *superflex* SBS interply. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart.

Starting at low point of the roof, mop or cold apply the *fireguard* SBS FG160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. to existing wood nailers. Side laps will be nailed 8” o.c.

All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating *superflex* SBS SF55PWH can be substituted as the cap sheet.

System Series	Fireguard		Insulation	
Deck Type	Insulation		Cold Adhesive	
Application	Hot Asphalt		Cold Adhesive	
Specification Number	I3H-FG160CWH		I3C-FG160CWH	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV		Section IV	
Material Requirements	Section II.2, Section II.3, Section II.6 Section V.1, Section VI, Section VIII.2		Section II.2, Section II.3, Section II.6 Section V.1, Section VI, Section VIII.3	
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
10-Year Warranty	<i>layflat</i> SBS LF25	25 lb.	<i>Layflat</i> SBS LF25	25 lb.
15-Year Warranty	<i>layflat</i> SBS LF60	60 lb.	<i>Layflat</i> SBS LF60	60 lb.
20-Year Warranty	<i>superflex</i> SBS SF160PSA	90 lb.	<i>superflex</i> SBS SF160PSA	90 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>fireguard</i> SBS FG160CWH	110 lb.	<i>fireguard</i> SBS FG160CWH	110 lb.



Application Section V.7, Section VI.2, Section IX.4, Section V.7, Section VI.2, Section IX.5

Install insulation per manufacturer’s recommendations. Starting at the low point of the roof, hot mop or cold apply an 18” starter strip of *layflat* SBS LF25. Hot mop or cold apply the successive layers in 18” intervals. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart.

Starting at the low point of roof, install an 18” starter of *layflat* SBS or *superflex* SBS interply. Hot mop the interplay layer with a minimum 3” side lap and a 4” end lap.

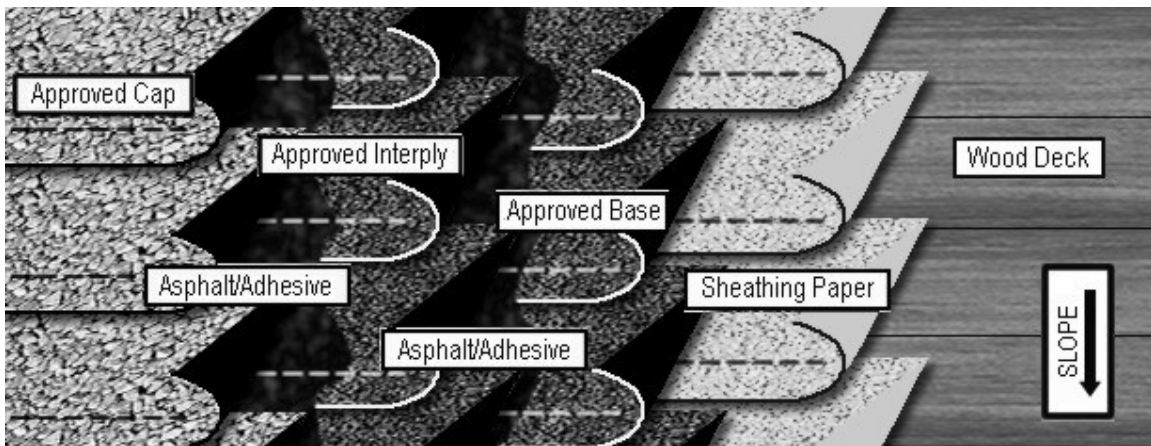
Starting at low point of the roof, hot mop the *fireguard* SBS FG160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. End laps of all cap membranes must be staggered a minimum of 3 feet.



Note: In applications not requiring fire-rating *superflex* SBS SF55PWH can be substituted as the cap sheet.

System Series	60/90	Wood	Wood
Deck Type	Wood	Hot Asphalt	Cold Adhesive
Application	Hot Asphalt	W3H-FG90GWH	W3C-FG90GWH
Specification Number	W3H-FG90GWH	¼" – 2" per lineal foot	¼" – 2" per lineal foot
Slope Requirements	Section IV.1, Section IV.2, Section IV.3	Section IV.1, Section IV.2, Section IV.3	Section IV.1, Section IV.2, Section IV.3
Deck Requirements	Section II.2, Section II.3, Section VIII.2	Section II.2, Section II.3, Section VIII.2	Section II.2, Section II.3, Section VIII.3

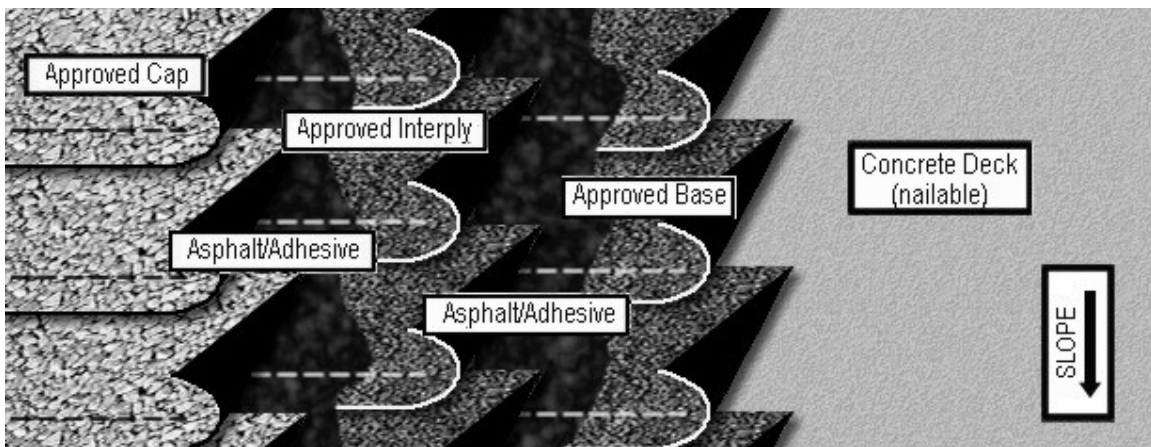
10- Year Warranty	Sheathing Paper		Sheathing Paper	
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>layflat</i> SBS LF60	70 lb.	<i>layflat</i> SBS LF60	70 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>fireguard</i> SBS FG90GWH	90 lb.	<i>fireguard</i> SBS FG90GWH	90 lb.



Application	Section IX.1, Section IX.4	Section IX.1, Section IX.5
	<p>Cover entire roof with one layer of sheathing paper. Nail one layer of <i>layflat</i> SBS LF25 over the sheathing paper. On decks with slopes less than ½" per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2" on the sides and 4" at the ends. On decks with slopes greater than ½" per foot; in addition to the above requirements the end laps shall also be staggered not less than 3' apart. Sheets will be nailed at 9" intervals along the edges. The second row of fasteners will be nailed 12" from the edge, 18" apart.</p> <p>Starting at the low point of roof, hot mop the interply layer of <i>layflat</i> SBS with a minimum 3" side lap and a 4" end lap.</p> <p>Starting at low point of the roof, mop the <i>fireguard</i> SBS cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3" side laps and 6" end laps. A flow of about ¼" bitumen must be obtained around all seams. Offset end laps a minimum of 36". For slopes of 1"-2" per lineal foot apply material parallel to the slope; back nail head laps 2" from the edge, 6" o.c. All side l must be staggered 18" between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.</p>	
Note:	In applications not requiring fire-rating superflex SBS SF155PWH can be used as the cap membrane.	

System Series	60/90	
Deck Type	Light Weight Insulating Concrete	Light Weight Insulating Concrete
Application	Hot Asphalt	Cold Adhesive
Specification Number	L3H-FG90GWH	L3C-FG90GWH
Slope Requirements	¼” – 2” per lineal foot	¼” – 2” per lineal foot
Deck Requirements	Section IV.7, Section IV.8	Section IV.7, Section IV.8 Material
Requirements	Section II.2, Section II.3, Section VIII.2	Section II.2, Section II.3, Section VIII.3

10-Year Warranty	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>layflat</i> SBS LF60	70 lb.	<i>layflat</i> SBS LF60	70 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>fireguard</i> SBS FG90GWH	90 lb.	<i>fireguard</i> SBS FG90GWH	90 lb.



Application	Section IX.1, Section IX.4	Section IX.1, Section IX.5
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Nail base layer of *layflat* SBS LF25 to the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

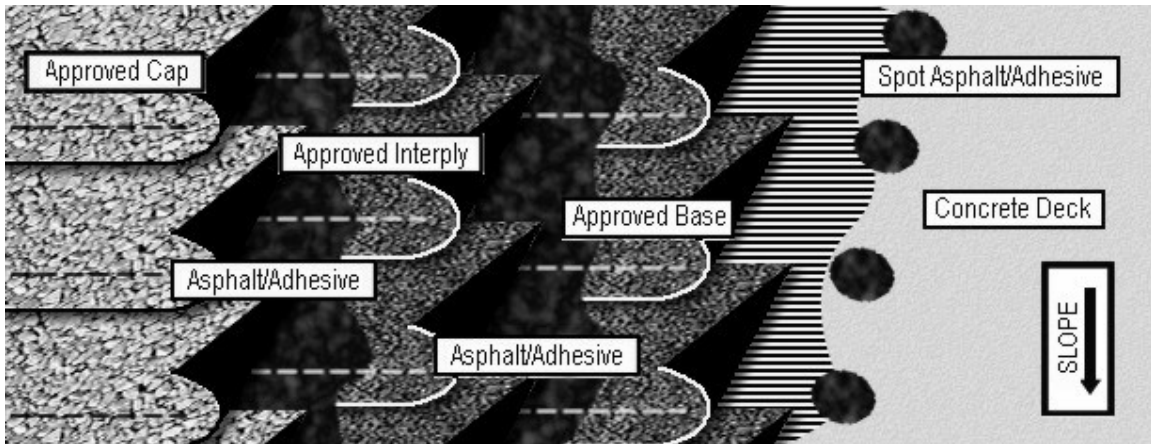
Starting at the low point of the roof, install an 18” starter *layflat* SBS or *superflex* SBS interply. Hot mop or cold apply the interplay layer with a minimum 3” side lap and a 4” end lap.

Starting at low point of the roof, mop or cold apply the *fireguard* SBS FG90GWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1” – 2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c., and side laps 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating *superflex* SBS SF155PWH can be used as the cap membrane.

System Series	60/90	Non-Nailable	Non-Nailable
Deck Type	Hot Asphalt	Hot Asphalt	Cold Adhesive
Application	C3H-FG90GWH	C3C-FG90GWH	C3C-FG90GWH
Specification Number	C3H-FG90GWH	C3C-FG90GWH	C3C-FG90GWH
Slope Requirements	¼” – 2” per lineal foot	¼” – 2” per lineal foot	¼” – 2” per lineal foot
Deck Requirements	Section IV.1, Section IV.2, Section IV.3	Section IV.1, Section IV.2, Section IV.3	Section IV.1, Section IV.2, Section IV.3
Material Requirements	Section II.2, Section II.3, Section VIII.2	Section II.2, Section II.3, Section VIII.3	Section II.2, Section II.3, Section VIII.3

10-Year Warranty	Primer	1 gal.	Primer	1 gal.
	Asphalt – Spot Mop	-NA-	Cold Adhesive-Spot	-NA-
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>layflat</i> SBS LF60	70 lb.	<i>layflat</i> SBS LF60	70 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>fireguard</i> SBS FG90GWH	90 lb.	<i>fireguard</i> SBS FG90GWH	90 lb.



Application	Section IX.I, Section IX.4	Section IX.I, Section IX.5
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Prime the deck with an approved primer at the rate of 1 gallon per square. Spot apply one layer of *layflat* SBS LF25. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart.

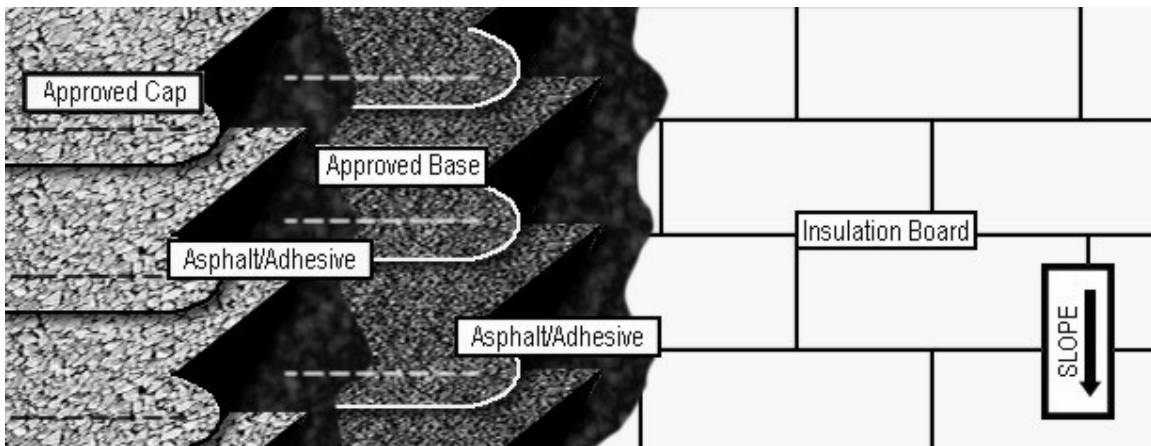
Starting at the low point of the roof, hot mop or cold apply the interply layer of SBS, with a minimum 3” side lap and a 4” end lap.

Starting at low point of the roof, mop or cold apply the *fireguard* SBS cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. to existing wood nailers. Side laps will be nailed 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire-rating superflex SBS SF155PWH can be used as the cap membrane.

System Series	60/90		
Deck Type	Insulation		Insulation
Application	Hot Asphalt		Cold Adhesive
Specification Number	I2H-FG90GWH		I2C-FG90GWH
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot
Deck Requirements	Section IV		Section IV
Material Requirements	Section II.2, Section II.3, Section VI. Section VIII.2		Section II.2, Section II.3, Section VI. Section VIII.3

10-Year Warranty	Insulation		Insulation	
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>layflat</i> SBS LF60	70 lb.	<i>layflat</i> SBS LF60	70 lb.
	Asphalt	25 lb.	Cold Adhesive	1 ½ gal.
	<i>fireguard</i> SBS FG90GWH	90lb.	<i>fireguard</i> SBS FG90GWH	90lb.



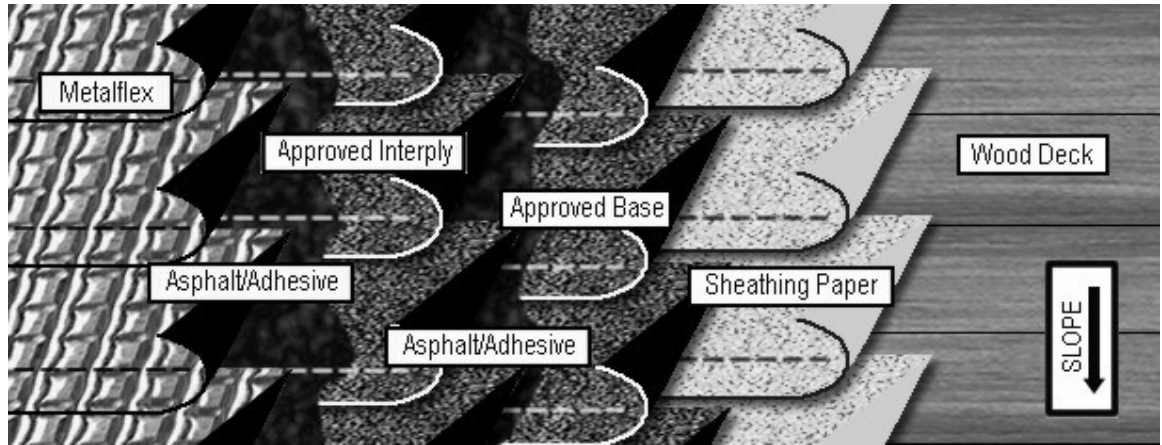
Application Section V.7, Section VI.2, Section IX.4, Section V.7, Section VI.2, Section IX.5

Install insulation per manufacturer’s recommendations. Mop or cold apply one layer of *layflat* SBS. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart.

Starting at low point of the roof, mop or cold apply the *fireguard* SBS cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and end laps 8” o.c. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: In applications not requiring fire ratings *superflex* SBS SF155PWH can be used as the cap membrane.

System Series	Metalflex		Wood	
Deck Type	Wood		Wood	
Application	Hot Asphalt		Torch (Heat Welding)	
Specification Number	W3H-MF160WAL		W3T-MF160WAL	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV.1, Section IV.2, Section IV.3		Section IV.1, Section IV.2, Section IV.3	
Material Requirements	Section II.2, Section II.3, Section VIII.2		Section II.2, Section II.5	
	Sheathing Paper		Sheathing Paper	
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.		
10-Year Warranty	<i>layflat</i> SBS LF60	70 lb.	<i>fastorch</i> SBS FT120GSA	90 lb.
			<i>fastorch</i> SBS FT120PSA	90 lb.
			Required for slopes of 2:12 and over	
15-Year Warranty	<i>superflex</i> SBS SF160PSA	90 lb.	<i>fastorch</i> SBS FT160CSA	110 lb.
	Asphalt	25 lb.		
	<i>metalflex</i> SBS MF160WAL	101 lb.	<i>metalflex</i> SBS MF160WAL	101 lb.



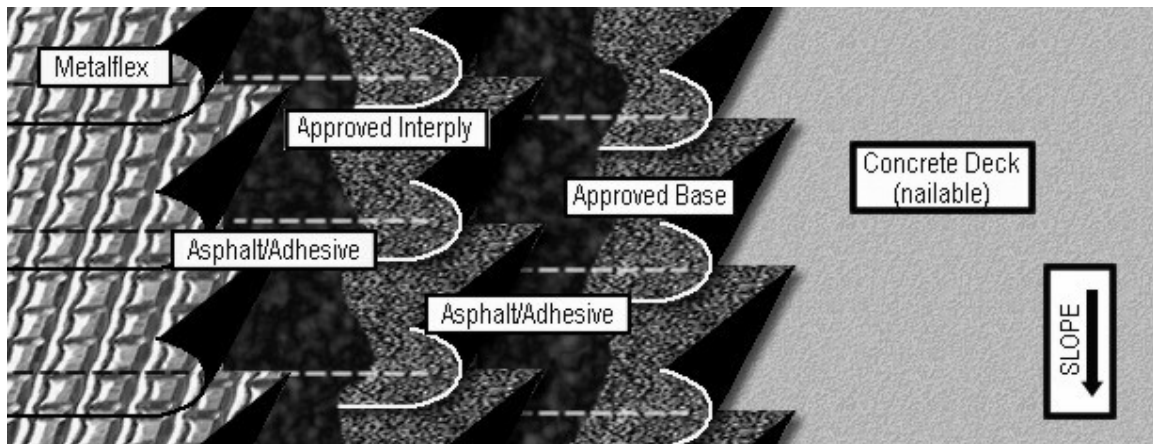
Application

Section IX.1, Section IX.4	Section IX.1, Section IX.3
Cover entire roof with one layer of sheathing paper. Sheathing paper is not required on torch applications. Starting at the low point of the roof, nail the base layer of layer of <i>layflat</i> SBS LF25 over the sheathing paper. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.	
Starting at the low point of roof install an 18” starter strip of <i>layflat</i> SBS, <i>superflex</i> SBS or <i>fastorch</i> SBS interplay. Hot mop or heat weld the interplay layer with a minimum 3” side lap and a 4” end lap.	
Starting at low point of the roof, mop the layer of <i>metalflex</i> SBS MF160WAL cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side slaps 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.	

Note:

metalflex SBS MF160WCU can be used in lieu of *metalflex* SBS MF160WAL with written approval from MBTechnology. Please contact us for details. Special application procedures apply to all *metalflex* systems.

System Series	Metalflex		Light Weight Insulating Concrete Torch (Heat Welding)	
Deck Type	Light Weight Insulating Concrete			
Application	Hot Asphalt			
Specification Number	L3H-MF160WAL		L3T-MF160WAL	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV.7, Section IV.8,		Section IV.7, Section IV.8	
Material Requirements	Section II.2, Section II.3, Section VIII.2		Section II.2, Section II.4, Section II.5	
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.		
10-Year Warranty	<i>layflat</i> SBS LF60	70 lb.	<i>fastorch</i> SBSFT120GSA	90 lb.
			<i>fastorch</i> SBS FT120PSA	90 lb.
			Required for slopes of 2:12 and over	
15-Year Warranty	<i>superflex</i> SBS SF160PSA	90 lb.	<i>fastorch</i> SBS FT160CSA	110 lb.
	Asphalt	25 lb.		
	<i>metalflex</i> SBS MF160WAL	101 lb.	<i>metalflex</i> SBS MF160WAL	101 lb.



Application

Section IX.1, Section IX.4

Nail the base layer of *layflat* SBS LF25 to the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart. Starting at the low point of roof, hot mop or heat weld an 18” starter strip of *layflat* SBS, *superflex* SBS or *fastorch* SBS interplay layer. Apply all interply layers with a minimum 3” side lap and a 4” end lap.

Starting at low point of the roof, hot mop or heat weld the layer of *metalflex* SBS MF160WAL cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

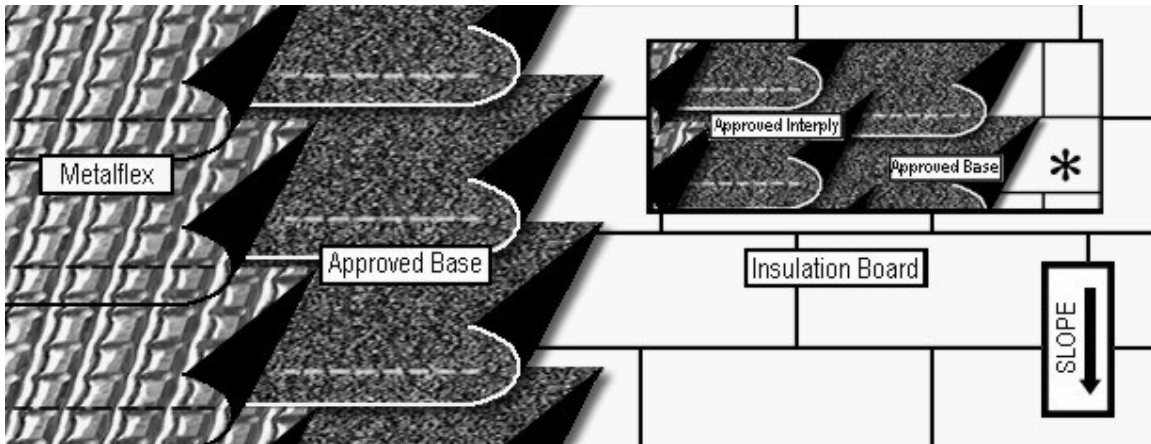
All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Section IX.1, Section IX.3

Note:

metalflex SBS MF160WCU can be used in lieu of *metalflex* SBS MF160WAL with written approval from MBTechnology. Please contact us for details. Special application procedures apply to all *metalflex* systems.

System Series	Metalflex		Insulation	
Deck Type	Insulation		Insulation	
Application	Hot Asphalt		Torch (Heat Welding)	
Specification Number	I2H-MF160WAL		I3T-MF160WAL	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV		Section IV	
Material Requirements	Section II.2, Section II.5, Section VIII.2 Section V.1, Section VI.		Section II.4, Section II.5, Section V.1 Section VI.	
	Insulation	28 lb.	Insulation	
10-Year Warranty	Asphalt	25 lb.	<i>layflat</i> SBS LF25*	28 lb.
15-Year Warranty	<i>layflat</i> SBS LF60	70 lb.	<i>fastorch</i> SBS FT120GSA	90 lb.
	<i>superflex</i> SBS SF160PSA	90 lb.	<i>fastorch</i> SBS FT160CSA	110 lb.
	Asphalt	25 lb.		
	<i>metalflex</i> SBS MF160WAL	101 lb.	<i>metalflex</i> SBS MF160WAL	101 lb.



Application Section V7, Section VI.2, Section IX.4 Section V.7, Section VI.2, Section IX.3

Install insulation per manufacturer’s recommendations. In hot applications, hot mop the base layer of *layflat* SBS or *superflex* SBS. In torch applications, torch the *fastorch* SBS to the insulation. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base layers shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart.

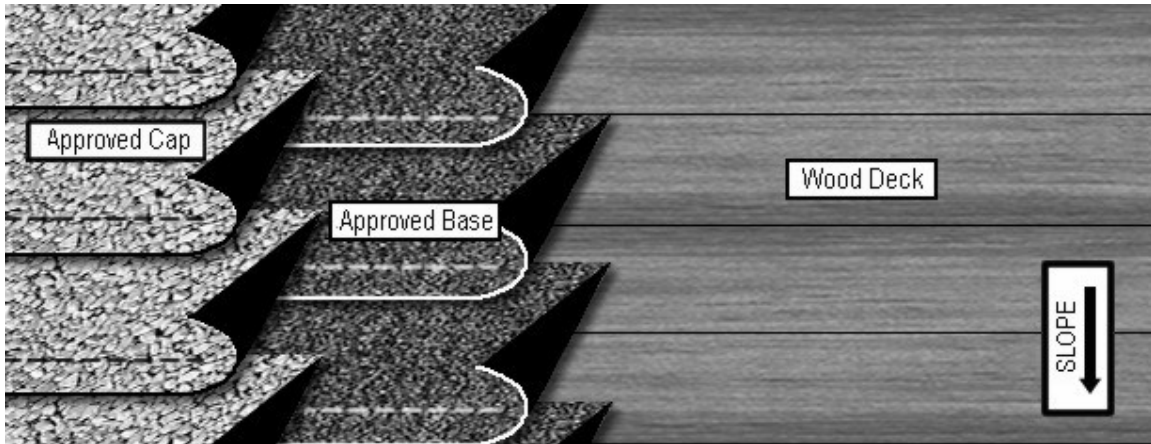
Starting at low point of the roof, mop or torch apply the *metalflex* SBS MF160WAL cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: *metalflex* SBS MF160WCU can be used in lieu of *metalflex* SBS MF160WAL with written approval from MBTechnology. Special application procedures apply to all *metalflex* systems.

***layflat SBS LF25 may have to be nailed to the insulation board if insulation is not suitable for direct torch application. Polyisocyanurate and phenolic boards are not considered suitable insulation without a recover board. Direct torch application over primed dens deck is allowed, this will result in elimination of layflat SBS LF25 base. Contact MBTechnology for details.**

System Series	Fastorch
Deck Type	Wood
Application	Torch (heat welding)
Specification Number	W2T-FGFT160CWH
Slope Requirements	¼” – 2” per lineal foot
Deck Requirements	Section IV.1, Section IV.2, Section IV.3
Material Requirements	Section II.2, Section II.3, Section II.4

10-Year Warranty	<i>layflat</i> SBS LF25	28 lb.
	<i>fireguard fastorch</i> SBS FGFT160CWH	120 lb.



Application Section IX.I, Section IX.3
 Nail the base layer one layer of *layflat* SBS LF25 over the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

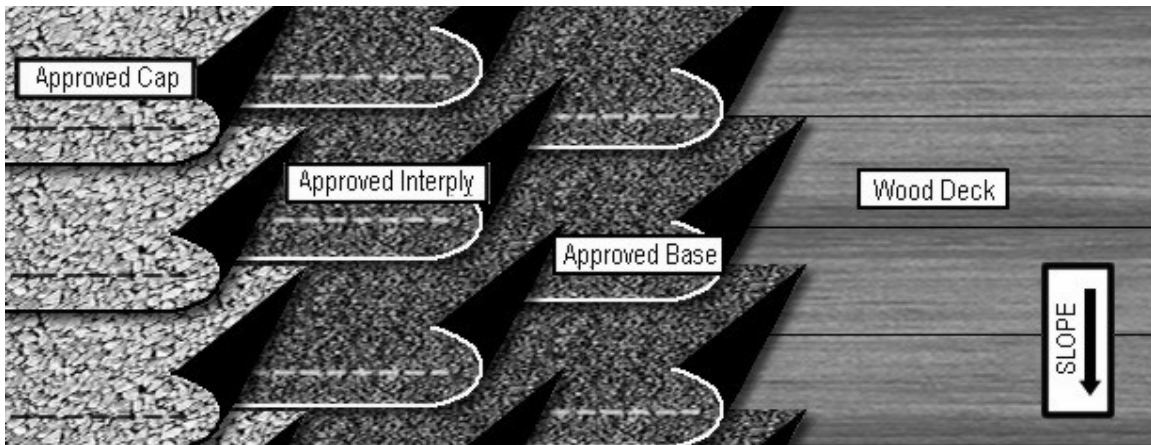
Starting at low point of the roof, torch the *fireguard fastorch* SBS FGFT160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: For applications not requiring fire-rating fastorch SBS FT160CWH can be substituted as the cap sheet.

System Series	Fastorch
Deck Type	Wood
Application	Torch (heat welding)
Specification Number	W3T- FGFT160CWH
Slope Requirements	¼” – 2” per lineal foot
Deck Requirements	Section IV.1, Section IV.2, Section IV.3
Material Requirements	Section II.2, Section II.3, Section II.4

	<i>Layflat SBS LF25</i>	28 lb.
<i>10 year Warranty</i>	<i>Fastorch SBS FT120GSA</i>	90 lb.
<i>15 year Warranty</i>	<i>Fastorch SBS FT120PSA</i>	90 lb.
<i>20 year Warranty</i>	<i>Fastorch SBS FT160CSA</i>	110 lb.
	<i>Fireguard Fastorch SBS FGFT160CWH</i>	120 lb.



Application Section IX.I, Section IX.3

Nail the base layer one layer of *layflat SBS LF25* to the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

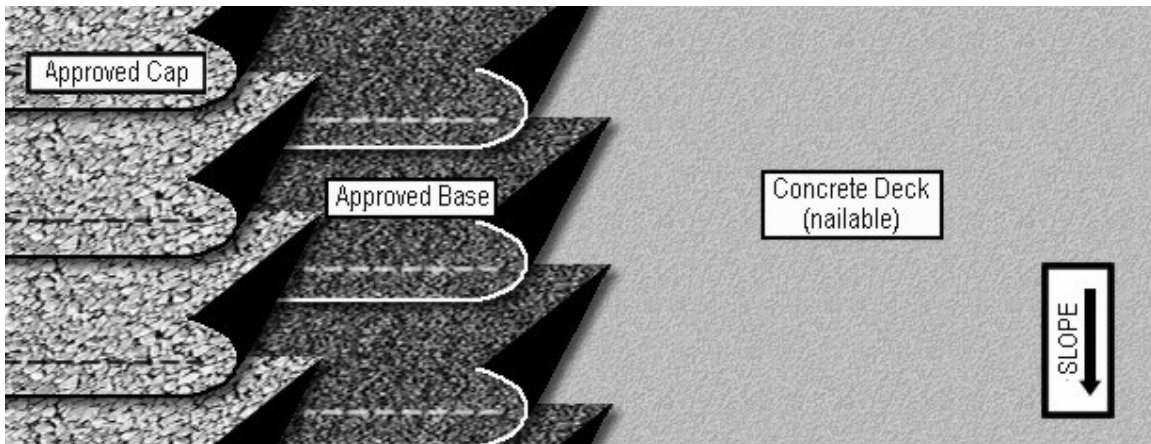
Starting at low point of the roof, torch the *fastorch* SBS interplay layer perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

Starting at low point of the roof, torch the *fireguard fastorch* SBS FGFT160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: For applications not requiring fire-rating *fastorch* SBS FT160CWH can be substituted as the cap sheet.

System Series	Fastorch
Deck Type	Light Weight Insulating Concrete
Application	Torch (heat welding)
Specification Number	L2T-FGFT160CWH
Slope Requirements	¼” – 2” per lineal foot
Deck Requirements	Section IV.7, Section IV.8
Material Requirements	Section II.2, Section II.3, Section II.4

10-Year Warranty	<i>layflat</i> SBS LF25	28 lb.
	<i>fireguard fastorch</i> SBS FGFT160CWH	120 lb.



Application Section IX.I, Section IX.3

Nail the base layer one layer of *layflat* SBS LF25 to the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

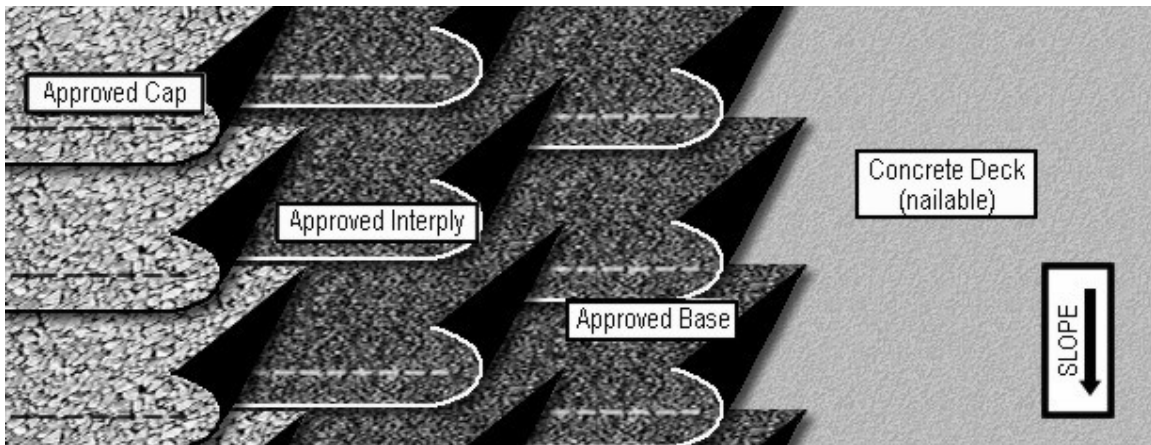
Starting at low point of the roof, torch the *fireguard fastorch* SBS FGFT160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: For applications not requiring fire-rating fastorch SBS FT160CWH can be substituted as the cap sheet.

System Series	Fastorch
Deck Type	Light Weight Insulating Concrete
Application	Torch (heat welding)
Specification Number	L3T-FGFT160CWH
Slope Requirements	¼” – 2” per lineal foot
Deck Requirements	Section IV.7, Section IV.8
Material Requirements	Section II.2, Section II.4, Section II.5

	<i>layflat</i> SBS LF25	28 lb.
10-Year Warranty	<i>fastorch</i> SBS FT120GSA	90 lb.
15-Year Warranty	<i>fastorch</i> SBS FT120PSA	90 lb.
20-Year Warranty	<i>fastorch</i> SBS FT160CSA	110 lb.
	<i>fireguard fastorch</i> SBS FGFT160CWH	120 lb.



Application Section IX.I, Section IX.3

Nail the base layer one layer of *layflat* SBS LF25 to the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge, 18” apart.

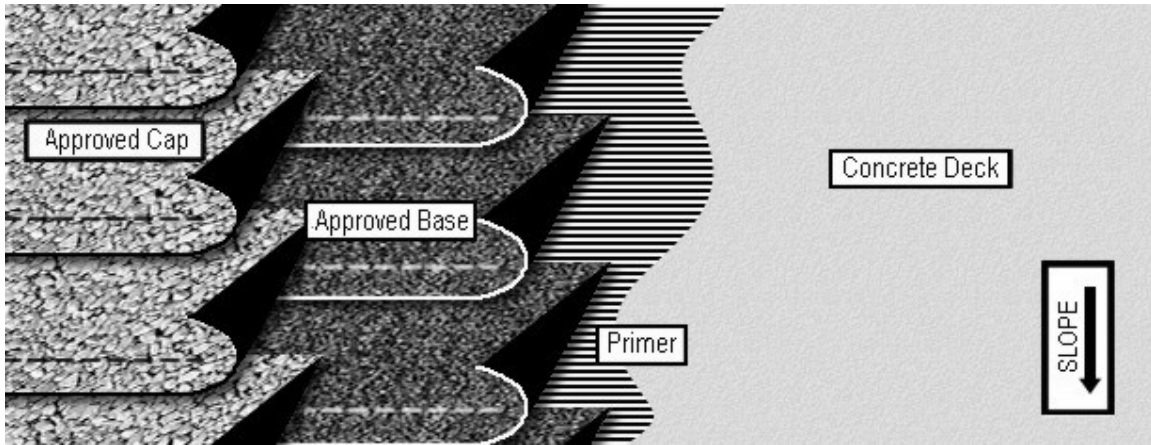
Starting at low point of the roof, torch the *fastorch* SBS interplay layer perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

Starting at low point of the roof, torch the *fireguard fastorch* SBS FGFT160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c. All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: For applications not requiring fire-rating *fastorch* SBS FT160CWH can be substituted as the cap sheet.

System Series	Fastorch
Deck Type	Non-Nailable
Application	Torch (heat welding)
Specification Number	C2T-FGFT160CWH
Slope Requirements	¼” – 2” per lineal foot
Deck Requirements	Section IV.4, Section IV.5, Section IV.6
Material Requirements	Section II.3, Section II.4, Section VIII.7

	<i>Primer</i>	1/3 gal.
10-Year Warranty	<i>fastorch</i> SBS FT120GSA	90 lb.
15-Year Warranty	<i>fastorch</i> SBS FT120PSA	90 lb.
	<i>fireguard fastorch</i> SBS FGFT160CWH	120 lb.



Application Section IX.I, Section IX.3

Prime the deck with an approved primer at the rate of 1/3 gallon per square. Spot-weld one layer of *fastorch* SBS. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 3” on the sides and 6” at the ends. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of ½” -2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c..

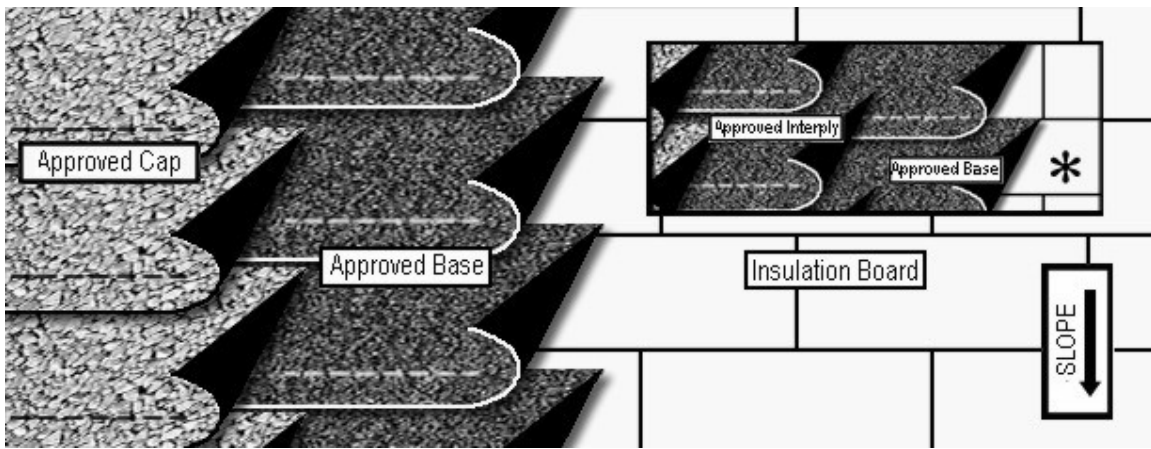
Starting at low point of the roof, torch the *fireguard fastorch* SBS FGFT160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: For applications not requiring fire-rating *fastorch* SBS FT160CWH can be substituted as the cap sheet. This application is only allowed if deck is dry.

System Series	Fastorch
Deck Type	Insulation
Application	Torch (heat welding)
Specification Number	I3T-FGFT160CWH / I2T-FGFT160CWH
Slope Requirements	¼” – 2” per lineal foot
Deck Requirements	Section IV
Material Requirements	Section II.3, Section II.4, Section VI

	Insulation	
10-Year Warranty	<i>layflat</i> SBS LF25*	28 lb.
15-Year Warranty	<i>fastorch</i> SBS FT120GSA	90 lb.
20-Year Warranty	<i>fastorch</i> SBS FT120PSA	90 lb.
	<i>fastorch</i> SBS FT160CSA	110 lb.
	<i>fireguard fastorch</i> SBS FGFT160CWH	120 lb.



Application Section V.7, Section VI.2, Section IX.1, Section IX.3
 Install insulation per manufacturer’s recommendation. Starting at low point of the roof, torch the *fastorch* SBS interply layer perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

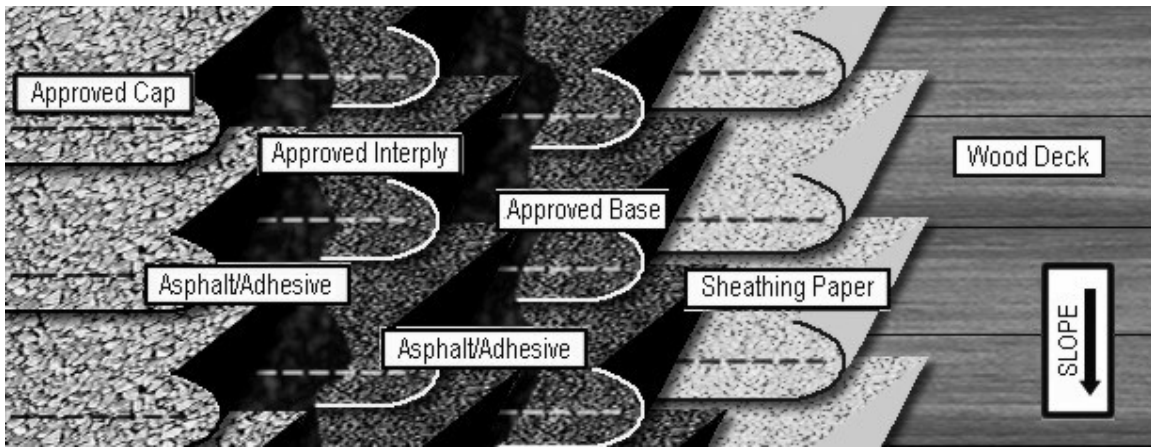
Starting at low point of the roof, torch the *fireguard fastorch* SBS FGFT160CWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c.

All side laps must be staggered 18” between successive plies. End laps of all cap membranes must be staggered a minimum of 3 feet.

Note: For applications not requiring fire ratings or requiring additional surfacing, *fastorch* SBS FT160CWH, or *fastorch* SBS FT160CSA with gravel can be substituted as the cap sheet.

***layflat SBS LF25 may have to be nailed to the insulation board if insulation is not suitable for direct torch application. Polyisocyanate and phenolic boards are not considered suitable insulation without a recover board. Direct torch application over primed dens deck is allowed, this will result in elimination of layflat SBS LF25 base. Contact MBTechnology for details.**

System Series	Supercap		Wood	
Deck Type	Wood		Wood	
Application	Hot Asphalt		Cold Adhesive	
Specification Number	W3H-SC100GWH W3H-SC100WWH		W3C-SC100GWH W3C-SC100WWH	
Slope Requirements	¼” – 2” per lineal foot		¼” – 2” per lineal foot	
Deck Requirements	Section IV.1, Section IV.2, Section IV.3		Section IV.1, Section IV.2, Section IV.3	
Material Requirements	Section II.2, Section II.7, Section VIII.2 Section VIII.8		Section II.2, Section II.7, Section VIII.3 Section VIII.8	
	Sheathing paper		Sheathing paper	
	<i>layflat</i> SBS LF25	28 lb.	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.	Cold adhesive	1 ½ gal.
10-Year Warranty	<i>layflat</i> SBS LF60	70 lb.	<i>layflat</i> SBS LF60	70 lb.
	Asphalt	25 lb.	Cold adhesive	1 ½ gal.
	<i>supercap</i> SBS SC100GWH	100 lb.	<i>supercap</i> SBS SC100GWH	100 lb.
	<i>supercap</i> SBS SC100WWH	100 lb.	<i>supercap</i> SBS SC100WWH	100 lb.



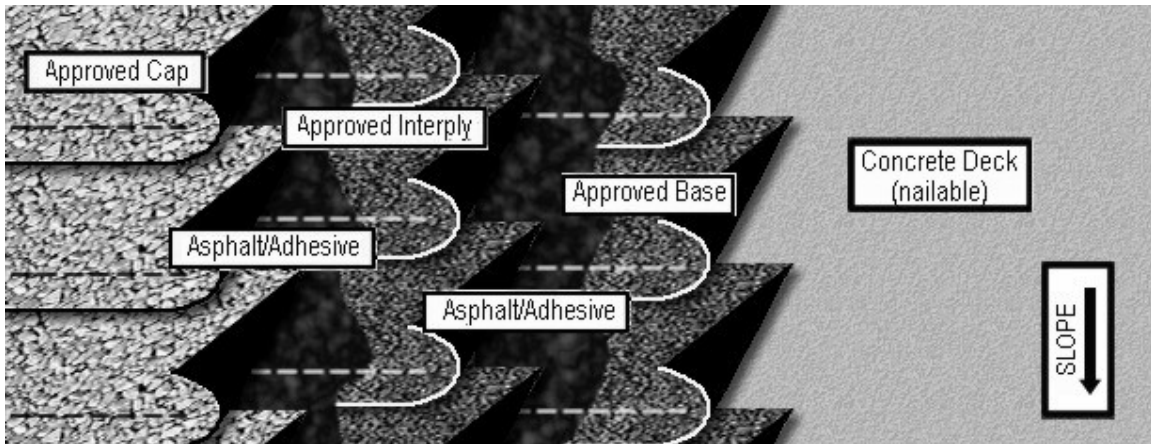
Application	Section IX.1, Section IX.4	Section IX.1, Section IX.5
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Cover the entire roof with one layer of sheathing paper. Starting at the low point of the roof, nail the base layer of *layflat* SBS LF25 over the sheathing paper. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base layers shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge 18” apart.

Starting at the low point of the roof, hot mop in place or cold apply an 18” starter strip of *layflat* SBS LF60 interply layer. Continue with the second interplay layer. All interplies must have a minimum 3” side lap and a 4” end lap and applied at 18” intervals.

Starting at low point of the roof, mop or cold apply the *supercap* SBS SC100GWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c. End laps of all cap membranes must be staggered a minimum of 3 feet.

System Series	Supercap		Light Weight Insulating Concrete		Light Weight Insulating Concrete
Deck Type	Light Weight Insulating Concrete				Cold Adhesive
Application	Hot Asphalt				
Specification Number	L3H-SC100GWH L3H-SC100WWH				L3C-SC100GWH L3C-SC100WWH
Slope Requirements	¼” – 2” per lineal foot				¼” – 2” per lineal foot
Deck Requirements	Section IV.7, Section IV.8,				Section IV.7, Section IV.8,
Material Requirements	Section II.2, Section II.7, Section VIII.2 Section VIII.8				Section II.2, Section II.7, Section VIII.3 Section VIII.8
	<i>layflat</i> SBS LF25	28 lb.			<i>layflat</i> SBS LF25
	Asphalt	25 lb.			Cold adhesive
10-Year Warranty	<i>layflat</i> SBS LF60	70 lb.			<i>layflat</i> SBS LF60
	Asphalt	25 lb.			Cold adhesive
	<i>supercap</i> SBS SC100GWH	100 lb.			<i>supercap</i> SBS SC100GWH
	<i>supercap</i> SBS SC100WWH	100 lb.			<i>supercap</i> SBS SC100WWH



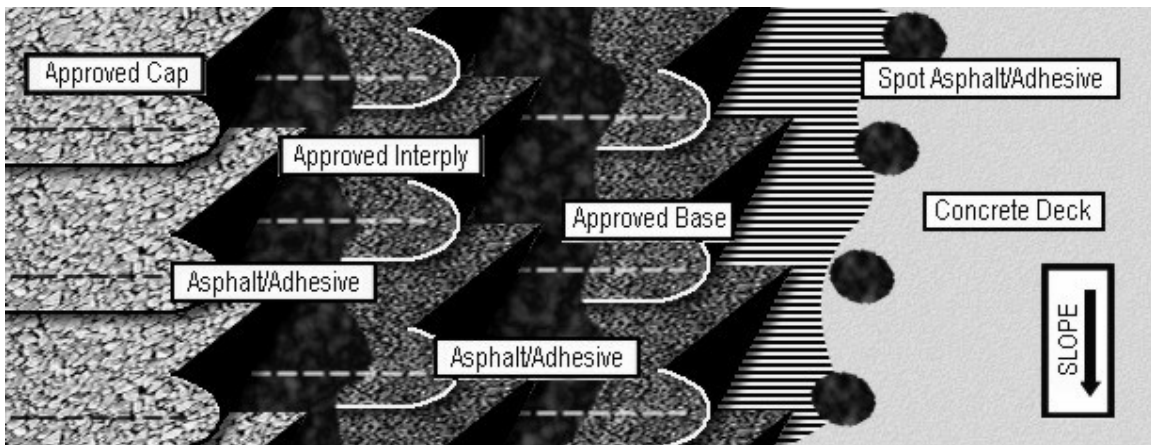
Application Section IX.1, Section IX.4 Section IX.1, Section IX. 5

Starting at the low point of the roof, nail the base layer of *layflat* SBS LF25 to the deck. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base layers shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart. Sheets will be nailed at 9” intervals along the edges. The second row of fasteners will be nailed 12” from the edge 18” apart.

Starting at the low point of the roof, hot mop in place or cold apply an 18” starter strip of *layflat* SBS interply layer. Continue with the second interply layer. All interplies must have a minimum 3” side lap and a 4” end lap and applied at 18” intervals.

Starting at low point of the roof, mop or cold apply the *supercap* SBS SC100GWH cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c. End laps of all cap membranes must be staggered a minimum of 3 feet.

System Series	Supercap	
Deck Type	Non-Nailable	
Application	Hot Asphalt	
Specification Number	C3H-SC100GWH C3C-SC100WWH	
Slope Requirements	1/4" – 2" per lineal foot	
Deck Requirements	Section IV.4, Section IV.5, Section IV.6	
Material Requirements	Section II.2, Section II.7, Section VIII.2 Section VIII.7, Section VIII.8	
	<i>Primer</i>	1 gal.
	Asphalt - Spot	n/a
	<i>layflat</i> SBS LF25	28 lb.
	Asphalt	25 lb.
10-Year Warranty	<i>layflat</i> SBS LF60	70 lb.
	Asphalt	25 lb.
	<i>supercap</i> SBS SC100GWH	100 lb.
	<i>supercap</i> SBS SC100WWH	100 lb.



Application Section IX.I, Section IX.4

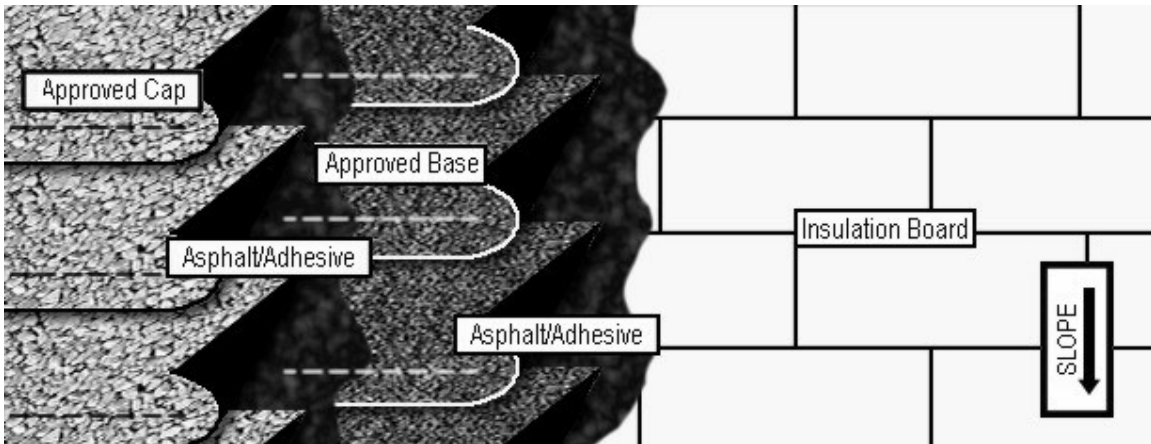
Prime the deck with an approved primer at the rate of 1 gallon per square. Starting at the low point of the roof, spot mop the base layer of *layflat* SBS LF25. On decks with slopes less than 1/2" per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base sheets shall be lapped 2" on the sides and 4" at the ends. On decks with slopes greater than 1/2" per foot; in addition to the above requirements the ends laps shall also be staggered not less than 3' apart.

Starting at the low point of the roof, hot mop in place or cold apply an 18" starter strip of *layflat* SBS LF60 interply layer. Continue with the second interply layer. All interplies must have a minimum 3" side lap and a 4" end lap and applied at 18" intervals.

Starting at low point of the roof, mop the *supercap* SBS cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3" side laps and 6" end laps. A flow of about 1/4" bitumen must be obtained around all seams. Offset end laps a minimum of 36". For slopes of 1"-2" per lineal foot apply material parallel to the slope; back nail head laps 2" from the edge, 6" o.c. and side laps 8" o.c. End laps of all cap membranes must be staggered a minimum of 3 feet.

System Series	Supercap	Insulation	Insulation
Deck Type	Hot Asphalt	Cold Adhesive	
Application			
Specification Number	I2H-SC100GWH I2H-SC100WWH	I2C-SC100GWH I2C-SC100WWH	
Slope Requirements	¼” – 2” per lineal foot	¼” – 2” per lineal foot	
Deck Requirements	Section IV	Section IV	
Material Requirements	Section II.2, Section II.7, Section VIII.2 Section VIII.8, Section VI.	Section II.2, Section II.7, Section VIII.3 Section VIII.8, Section VI.	

10-Year Warranty	Insulation	Insulation	
	Asphalt	25 lb.	Cold adhesive
	<i>layflat</i> SBS LF60	70 lb.	<i>layflat</i> SBS LF60
	Asphalt	25 lb.	Cold adhesive
	<i>supercap</i> SBS SC100GWH	100 lb.	<i>supercap</i> SBS SC100GWH
	<i>supercap</i> SBS SC100WWH	100 lb.	<i>supercap</i> SBS SC100WWH



Application Section V.7, Section VI.2, Section IX.4 Section V.7, Section VI.2, Section IX.5

Install insulation per manufacturer’s recommendation. Starting at the low point of the roof, hot mop or cold apply a 12” and a 24” starter strip *layflat* SBS LF25. Mop the interplay layers of *layflat* SBS LF25 with a minimum 3” side lap and a 4” end lap and 24” overlap. On decks with slopes less than ½” per foot, base sheet must be applied in shingle fashion starting at the low point of the roof proceeding upwards. Base layers shall be lapped 2” on the sides and 4” at the ends. On decks with slopes greater than ½” per foot; in addition to the above requirements the end laps shall also be staggered not less than 3’ apart.

Starting at low point of the roof, mop or cold apply the *supercap* SBS cap sheet perpendicular to the slope in a shingle fashion, with a minimum 3” side laps and 6” end laps. A flow of about ¼” bitumen must be obtained around all seams. Offset end laps a minimum of 36”. For slopes of 1”-2” per lineal foot apply material parallel to the slope; back nail head laps 2” from the edge, 6” o.c. and side laps 8” o.c. End laps of all cap membranes must be staggered a minimum of 3 feet.