

# layfastSBS®

## Superior UNDERLAYMENT FOR TILE, SHAKE & SHINGLE



MBTechnology's *layfastSBS* is an SBS modified fiberglass reinforced underlayment/base used in lieu of felt or Type II base. This product exceeds physical requirements outlined in ASTM D226.



**MBTECHNOLOGY®**  
SUPERIOR ROOFING & UNDERLAYMENT SYSTEMS  
Since 1983

# You Can't Afford To Underspec The Underlayment!

## SPECIFY *layfastSBS*®

You have a reputation for quality. Don't sacrifice that reputation to save a few dollars on roof underlayment. Though your clients might not see the difference, they'll realize the difference for years to come.

*layfastSBS* is ideal underlayment for tile, shake and shingle. It's the perfect upgrade to common 30/40# felt.

So don't let a drip dampen your reputation. Keep your beautifully designed roofs reliably leak-free for years to come. Spec MBTechnology's *layfastSBS* for spectacular results.

#### FOR ARCHITECTS AND SPECIFICATION WRITERS:

The following is a suggested specification to be inserted in the section where the underlayment is specified.

Underlayment shall be *layfastSBS* TU70 as manufactured by MBTechnology (800/621-9281). The membrane shall comply with all requirements as outlined in ASTM D226 standards for underlayment. Test shall be done by an independent laboratory. Minimum requirements.

<b>MODIFIER</b>	SBS Rubberized Asphalt
<b>REINFORCEMENT</b>	Inorganic Fiberglass Mat
<b>WIDTH</b>	39-3/4"
<b>WEIGHT</b>	Minimum of 68 lb. / 100 sq. ft.
<b>BREAKING STRENGTH</b>	MD 65 lb. / in. ASTM D226, CD 46 lb. / in.
<b>MOISTURE CONTENT</b>	less than .5% ASTM D226



## Applications

#### STEEP ROOFING

Application procedures in this pamphlet are presented only as a guideline. Contractors must follow the underlayment application recommendations presented by the NRCA and comply with applicable building codes (ICC and others).

Starting at the low point of the roof install one/two ply of *layfastSBS* underlayment. Apply at right angles to the slope of the roof with minimum 2" side laps (4" side lap line is also provided) and 4" endlaps. Secure underlayment with 1" head nails at 12" centers at laps and 24" centers down the centerline of each ply). Nail end laps 6" on center. Nailing must be adequate to withstand any traffic or wind conditions expected prior to tile application. Staples shall not be used for fastening of *layfastSBS* nor the battens. *layfastSBS* shall be installed on minimum slope of 4" per foot. On slopes less than 4:12, a primary weatherproof roof membrane should be installed such as *ecotorch* or *SA Cap*.

#### VALLEYS & EAVES

If project conditions require special application methods, please contact MBTechnology for recommendations. The following is presented as a guideline and is not intended to cover all situations encountered by the contractor.

Apply one/two sheet of *layfastSBS* underlayment in the valley of the roof and secure every 2" on center. Cover with metal and nail per code requirements. All valleys must be sealed with asphalt adhesive. Install eaves drip metal edging directly to wood deck. Apply *layfastSBS* underlayment indirectly to metal using asphalt adhesive, face nailing 6" on center.

#### BASE SHEET: BASE/APP, B.U.R. SYSTEM WOOD DECK

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 sheet 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 end laps shall also be staggered not less than 3" apart. Sheets will be nailed at 9" intervals along the edge. The second row of fasteners will be nailed 12" from the edge, 18" apart.

#### SAFETY CONSIDERATION

Contractor shall observe all safe roofing practices as required by OSHA and local codes. Use caution when walking on steep slope especially when the surface is slippery and dusty. Failure to use required safety gear, footwear and equipment can result in serious injury.

**Placing material and tile on roof:** Certain tiles with minimal contact with surface of *layfastSBS* may be prone to sliding especially when temperature is over 100 (F). Appropriate measures such as installation of a batten system, reducing number of tiles will address this issue. Contractor shall also use roof jacks, toe board or storage platforms secured to the underlying roof deck to prevent slippage of stored roofing materials.

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#### Enclosed Sample

*layfastSBS*  
TU35

*layfastSBS*  
TU43

*layfastSBS*  
TU70

## It's Superior To Felt And Type II Base. Here's Why:

■ **VERSATILE:** ICC approved (Report ESR-2799) and ideal for Tile, Shake, and Shingles. Other uses: Torch SBS and B.U.R. applications.

■ **ECONOMICAL:** For pennies more offer a superior product to your customer, distinguish your bid and increase your chance of securing the job.

■ **LESS DECOMPOSITION:** Fiberglass reinforced (inorganic). Doesn't decompose like felt.

■ **MORE ELASTIC:** SBS rubberized asphalt provides a more pliable and elastic membrane. Minimizes buckles and wrinkles by laying flatter and smoother...saving time.

■ **DURABLE:** Side laps do not curl up over time. Does not scuff or tear easily and is less susceptible to damage from other trades.

■ **STEEP OR FLAT ROOF APPLICATIONS**

## Here's How layfastSBS Stacks Up To Felt

	FELT	layfastSBS UNDERLAYMENT	layfastSBS ADVANTAGE
<b>BREAKING STRENGTH</b>	MD40	MD65	<b>Higher Tear Resistance</b>
<b>COMPOUND</b>	Asphalt	Rubberized Asphalt	<b>Increased Longevity</b>
<b>WEIGHT lbs./100 sq. ft.</b>	26 lb.	37-70 lb.	<b>More Protection</b>
<b>MOISTURE CONTENT</b>	4.1% max.	.42%	<b>More Water Resistant</b>

Technical Information	layfastSBS TU35	layfastSBS TU43	layfastSBS TU70*
<b>WEIGHT PER ROLL</b>	78 lb.	88 lb.	68 lb.
<b>WIDTH / LENGTH</b>	39-3/4" / 64' 4"	39-3/4" / 64' 4"	39-3/4" / 33' 6"
<b>COVERAGE PER ROLL</b>	2 Squares	2 Squares	1 Square
<b>ROLLS PER PALLET</b>	33	33	36

\*TU70 is suited for projects requiring extra protection

*If you deal with the lowest bidder, it is well to add something for the risk you run, and if you do that, you will have enough to pay for something better.*

- John Ruskin (1819-1900)

## layfastSBS Is More Flexible Than Felt

The addition of SBS rubber to asphalt gives layfastSBS an elastomeric property, which is not available in common felt. layfastSBS also contains a higher percentage of asphalt for increased waterproofing protection. Its inorganic fiberglass reinforcement eliminates the rot and deterioration associated with saturated felt allowing sharp bends up to 90 degrees without cracking or fracturing (ambient temperature). layfastSBS also exceeds ASTM D226 standards.

*layfastSBS TU70* - The heaviest grade of layfast underlayment (70 lb). This product is especially well suited for projects requiring extra protection, such as tile and metal roofs. Through innovation in manufacturing processes we have been able to manufacture TU70 with special surfacing which facilitates walking on higher pitched roofs.

Available through your local distributor or call 1-800-621-9281