

# PRODUCT DATA SHEET

## layfastSBS<sup>®</sup> TU43



**USAGE:** Underlayment  
Base

**ICC-ES  
EVALUATION REPORT  
ESR-2799**

**APPLICATION:** Mechanically Attached  
Secure with 1" Head Nails  
Staples Shall NOT Be Used

**Florida State Approved**



	Unit	Minimum Values as Req'd By				MBTechnology	
		D-226		ICC	D-6380	Nominal	
		Type 1	Type 2	AC-165	Class S - Type 4 <i>Replaces D224 Ty 1</i>		
Reinforcement		<b>Fiberglass Mat</b> <i>(Asbestos-Free)</i>					
Roll Coverage		<b>2 Square</b>					
Roll Weight	lbs	-	-	-	-		<b>88</b>
Roll Length	feet + inches	-	-	-	-		<b>64' 9"</b>
Roll Width	inches	as agreed upon					<b>39.75</b>
Thickness (Over All)	mil	-	-	-	-		<b>55</b>
Lap Lines <i>(From Each Side)</i>	inches	-	-	-	-		<b>2 - 4 - 6 - 19</b>
Net Mass	lbs/100ft <sup>2</sup>	11.5	26	15.5	39.8		<b>42</b>
Accumulated Time of Exposure <i>(max)</i>	Days	-	-	-	-		<b>45 *</b>
Tensile Strength Max Load at 73.4°F (23°C):	lbs/in	30	40	44	35	<b>MD</b>	<b>71</b>
		15	20	44	-	<b>CD</b>	<b>55</b>
Pliability: <i>77°F (25°C) Wet 90° Bend</i>	1" & 1.5" Diameter	No Cracks				<b>MD/CD</b>	<b>Pass</b>
Low Temperature Flexibility <i>(As Mfg)</i> :	maximum	-	-	-	-	<b>MD/CD</b>	<b>-35°C (-31°F)</b>
Dimensional Stability:	% (max)	-	-	-	-	<b>MD/CD</b>	<b>&lt; 0.30</b>
Compound Stability:	°C	-	-	-	-		<b>105</b>
Loss on Heating <i>(5 hours @ 105°C)</i> :	% (max)	4	4	4	1.5		<b>0.09</b>
Moisture Content:	% (max)	4.3	4.1	1.0	3.0		<b>&lt; 0.10</b>
Asphalt <i>(Mass of Saturant)</i> :	lbs/100ft <sup>2</sup>	6.2	15.0	7.0	-		<b>&gt;25.8<sup>(D-226)</sup> &gt;9.93<sup>(AC-165)</sup></b>
Ash <i>(Glass Mat Only)</i> :	% (max)	-	-	70-88	-		<b>68</b>
Liquid Water Transmission: <i>Water Shower Exposure : 4 Hours Minimum</i>	ASTM-D-4869	-	-	Pass	-		<b>Pass</b>
Water Vapor Transmission <i>(Permeance)</i> :	grains/h-ft <sup>2</sup> -in	-	-	-	0.5 max		<b>0.026</b>
Resistance to Growth of Mold:	ASTM-D-3273	-	-	-	-		<b>No Fungal Growth</b>

\* However, we recommend that layfastSBS<sup>®</sup> be covered by an approved roof covering as soon as possible.

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