

PRODUCT DATA SHEET

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

* However, we recommend that layfastSBS[®] be covered by an approved roof covering as soon as possible.

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