



PALISADETM

SYNTHETIC UNDERLAYMENT

PALISADETM SYNTHETIC UNDERLAYMENT : TECHNICAL DATA

PROPERTY	STANDARD	UNIT	PALISADE TM	30# FELT
Tensile Strength	ASTM D226	lbs	150	30
Tear Strength	ASTM D4533	lbs	50	1.5
Puncture Strength	ASTM D751	psi	300	50
Cap Nail Pull Strength	TAS 117B	lbs	230	40
UV Rating	ASTM G90	%	>90	<50
Water Transmission	ASTM D4869	Pass/Fail	Pass	Pass
Surface Temperature	SDP	°F	+10	+50
Water Absorption	ASTM D1970	%	0.1	35
Oils Leaching	SDP	Pass/Fail	N/A	Fail
Moisture Buckling	SDP	inch	N/A	0.50
Permeability	ASTM E96-A	Perms	0.10	8
Temperature Rating	SDP	°F	-70 to 300	32 to 150
CLASS A Tile, Metal, Shingle, Slate, non-FR Shake	ASTM E108/UL 790	Pass/Fail	Pass	-
Thickness	ASTM D5147	mils	25	60
Weight Per Square	ASTM D5261	lbs	4.0	28

PALISADETM meets or exceeds IBC/IRC 2003, ICC AC-188, ASTM D226 Type I & II requirements. Values, weights and measures are typical data and not limiting specifications. All values +/- 10%



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