



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 ¹ | ASTM E108/UL 790 | Pass/Fail | Pass | - |
| Thickness | ASTM D5147 | mils | 25 | 60 |
| Weight Per Square | ASTM D5261 | lbs | 4.0 | 28 |

1. Tile, Metal, Shingle, Slate, non-FR Shake

PALISADETM meets or exceeds IBC/IRC 2003, ICC AC-1 BB, ASTM D226 Type I & II requirements. Values, weights and measures are typical data and not limiting specifications. All values +/- 10%

| LENGTH | WIDTH | WEIGHT | COVERAGE | PALLET |
|----------------|-----------------|----------------|---|-------------------------------|
| 290 ft./88.4 m | 41.5 in./105 cm | 37 lbs./17 kgs | 1000 ft ² /92.9 m ² | 30 Rolls 1100 lbs. 500kgs |



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