UNDERLAYMENTS MAJOR MANUFACTURER CROSS REFERENCE CHART

| PRODUCT NAME | MANUFACTURER | REINFORCEMENT | TOP SURFACE | APPLICATION METHODS | TYPICAL APPLICATION | LENGTH | WIDTH | NOMINAL THICKNESS | GROSS COVERAGE | QTY PER PALLET | UV EXPOSURE RATING | TEMPERATURE RATING (°F) |
|--|------------------|----------------|------------------|---------------------|---------------------|--------|--------|----------------------|-------------------|-------------------|-----------------------|----------------------------|
| SHUR-GARD TU FORCE HT (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970, D5147) | Mule-Hide | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 65.96' | 39.37" | 80-mils | 215 sq. ft. | 25 | 180*-360** | 265 |
| Weather-Armor FT³ Fleece Top (Specification: Florida Building Code, Miami-Dade County Approved, ASTM D1970) | APOC | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 65.67' | 39.38" | 60-mils | 216 sq. ft. | 25 | 180 | 265 |
| Eagle Armor (Specification: UL Classified, Miami-Dade County Approved, ASTM D1970) | APOC | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 65.7' | 39.38" | 60-mils | 216 sq. ft. | 25 | 180 | 265 |
| Quick-Stick HT (Specification: ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Mid States (ABH) | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 66.8' | 36" | 60-mils | 200 sq. ft. | 25 | 120 | 250 |
| LeakBarrier PS200 HT (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Tarco | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 66.7' | 36" | 60-mils | 200 sq. ft. | N/A | 180 | 260 |
| Lastobond TU-HT (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Resisto | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 65' | 39" | 67-mils | 211 sq. ft. | 30 | 180 | 257 |
| Premium HT Tile & Metal (Specification: Florida Building Code, Miami-Dade County Approved, ASTM D1970) | MFM | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 67' | 36" | 60-mils | 201 sq. ft. | 30 | 180 | 250 |
| WaterGuard SA TileGuard HT (Specification: Florida Building Code, Miami-Dade County Approved, ASTM D1970) | G.A.P. Roofing | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 66' | 39.38" | 80-mils | 217 sq. ft. | 25 | 120 | 250 |
| Polyglass TU Plus (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970, D5147) | Polyglass | Fiberglass | Polyester Fabric | Self-Adhered | Tile | 65.96' | 39.37" | 80-mils | 215 sq. ft. | 25 | 180*-360** | 265 |
| SHUR-GARD TU ULTRA HT (Specification: ICC-ESR, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970, D5147) | Mule-Hide | Non-Reinforced | Polyester Fabric | Self-Adhered | Tile | 65.6' | 39.37" | 60-mils | 215 sq. ft. | 25 | 180 | N/A |
| TileSeal HT (Specification: ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970, D226 (Type I & II) D4869, E2178) | Boral | Non-Reinforced | Polyester Fabric | Self-Adhered | Tile | 72' | 36" | 60-mils | 216 sq. ft. | 25 | 180 | 265 |
| Weather Master Tile (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970) | Atlas | Non-Reinforced | Polyester Fabric | Self-Adhered | Tile | 72' | 36" | 60-mils | 216 sq. ft. | 25 | 180 | 260 |
| WeatherLock Specialty Tile & Metal (Specification: UL Classified, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970) | Owens Corning | Non-Reinforced | Polyester Fabric | Self-Adhered | Tile | 71.29' | 35.98" | 65-mils | 214 sq. ft. | N/A | 180 | 260 |
| Polyglass TU Max (Specification: ICC-ESR, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970, D5147) | Polyglass | Non-Reinforced | Polyester Fabric | Self-Adhered | Tile | 65.6' | 39.37" | 60-mils | 215 sq. ft. | 25 | 180 | N/A |

^{*}Up to 360 day exposure (mechanically attached roof covering). Up to 180 day exposure (adhesive set roof covering).

The competitive information is assembled using the latest information available in the marketplace. Every effort has been made to ensure its accuracy. If you should have any questions, please contact the appropriate manufacturer.



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MAJOR MANUFACTURER CROSS REFERENCE CHART



^{**}Refer to local codes, listings, or requirements of the AHJ. Codes supersede Mule-Hide requirements and recommendations.

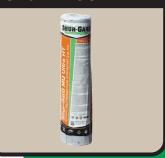
| PRODUCT NAME | MANUFACTURER | REINFORCEMENT | TOP SURFACE | APPLICATION METHODS | TYPICAL APPLICATION | LENGTH | WIDTH | NOMINAL THICKNESS | GROSS COVERAGE | QTY PER PALLET | UV EXPOSURE RATING | TEMPERATURE RATING (°F) |
|---|---------------------|----------------|-------------|---------------------|---------------------|--------|--------|----------------------|-------------------|-------------------|-----------------------|----------------------------|
| SHUR-GARD MU FORCE HT (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970, D5148, E2178) | Mule-Hide | Fiberglass | Film | Self-Adhered | Metal | 65.6' | 39.37" | 60-mils | 215 sq. ft. | 30 | 180 | 265 |
| WinterGuard Metal (Specification: UL Classified, Florida Building Code, ASTM D1970) | CertainTeed | Fiberglass | Film | Self-Adhered | Metal | 61' | 39.36" | 45-mils | 200 sq. ft. | 28 | 180 | N/A |
| Weather-Armor HT ³ High Temp (Specification: UL Classified, Florida Building Code, ASTM D1970) | APOC | Fiberglass | Film | Self-Adhered | Metal | 65.67' | 39.38" | 60-mils | 216 sq. ft. | 25 | 180 | 265 |
| Quik-Stick HT Pro (Specification: Florida Building Code, ASTM D1970) | Mid States (ABH) | Fiberglass | Film | Self-Adhered | Metal | 66.8' | 36" | 60-mils | 200 sq. ft. | 25 | 120 | 250 |
| Quik-Stick FS (Specification: Florida Building Code, ASTM D1970) | Mid States (ABH) | Fiberglass | Film | Self-Adhered | Metal | 66.8' | 36" | 45-mils | 200 sq. ft. | 30 | N/A | 250 |
| TW Metal & Tile (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Tamko | Fiberglass | Film | Self-Adhered | Metal | 61' | 39.38" | 40-mils | 200 sq. ft. | 25 | 120 | N/A |
| WIP 250 HT (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Carlisle | Fiberglass | Film | Self-Adhered | Multipurpose | 66' | 36" | 62-mils | 198 sq. ft. | 25 | 180 | 250 |
| WeatherGuard Self Adhered MetalGuard HT (Specification: Florida Building Code, Miami-Dade County Approved, ASTM D1970) | G.A.P. | Fiberglass | Film | Self-Adhered | Metal | 67' | 36" | 60-mils | 201 sq. ft. | 25 | 120 | 250 |
| Polyglass MTS (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970, D5148, E2178) | Polyglass | Fiberglass | Film | Self-Adhered | Metal | 65.6' | 39.37" | 60-mils | 215 sq. ft. | 30 | 180 | 265 |
| SHUR-GARD MU ULTRA HT (Specification: ICC-ESR, ASTM D1970, D412) | Mule-Hide | Non-Reinforced | Film | Self-Adhered | Metal & Shingle | 65.9' | 36.25" | 42-mils | 200 sq. ft. | 20 | 180 | 250 |
| Grace Ice & Water Shield HT (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Grace | Non-Reinforced | Film | Self-Adhered | Metal & Shingle | 66.6' | 36" | 40-mils | 200 sq. ft. | 35 | 120 | 260 |
| WIP 300 HT (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Carlisle | Non-Reinforced | Film | Self-Adhered | Metal & Shingle | 66' | 36" | 40-mils | 198 sq. ft. | 25 | 180 | 250 |
| WeatherMaster Flexible (Specification: UL Classified, Florida Building Code, ASTM D1970) | Atlas | Non-Reinforced | Film | Self-Adhered | Metal & Shingle | 66.8' | 36" | 50-mils | 200 sq. ft. | 30 | 30 | 250 |
| TW (Specification: UL Classified, ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Tamko | Non-Reinforced | Film | Self-Adhered | Metal & Shingle | 61' | 39.38" | 40-mils | 200 sq. ft. | 36 | 120 | N/A |
| Lastobond Shield MT (Specification: ICC-ESR, Florida Building Code, Miami-Dade County Approved, ASTM D1970) | Soprema | Non-Reinforced | Film | Self-Adhered | Metal & Shingle | 67' | 36" | 40-mils | 201 sq. ft. | 25 | 90 | 240 |
| Ultra HT Wind & Water Seal (Specification: ICC-ESR, Florida Building Code, Miami-Dade County Approved, TDI, ASTM D1970) | MFM | Non-Reinforced | Film | Self-Adhered | Metal & Shingle | 67' | 36" | 45-mils | 201 sq. ft. | 30 | 90 | 250 |
| PE200HT - Blueskin (Specification: ASTM D1970) | Henry | Non-Reinforced | Film | Self-Adhered | Metal | 65' | 36" | 40-mils | 195 sq. ft. | N/A | N/A | N/A |
| Polyglass Polystick P (Specification: ICC-ESR, ASTM D1970, D412) | Polyglass | Non-Reinforced | Film | Self-Adhered | Metal & Shingle | 65.9' | 36.25" | 42-mils | 200 sq. ft. | 20 | 180 | 250 |

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SHUR-GARD MU FORCE HT



SHUR-GARD MU ULTRA HT



SHUR-GARD TU FORCE HT



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