

# UL Listings - TPO

*"The name trusted in roofing since 1906"*



**MULE-HIDE PRODUCTS, CO., INC.  
UNDERWRITERS LABORATORIES (UL)  
TGFU.R13850  
ROOFING SYSTEMS - TPO  
Revised April 2021**

Any UL Classified Mule-Hide TPO roofing system is Classified per ANSI/UL 2218A for Class 4 Impact Resistance when the following conditions are met:

1. 75 to 80 mil thick MULE-HIDE PRODUCTS CO INC TPO membrane is applied over any combination of substrate layers, as specified in the roof covering systems, and the substrate layer(s) are attached with fasteners and plates.
2. 60 mil (nominal thickness) MULE-HIDE PRODUCTS CO INC TPO membrane is applied over any of the following substrates: Barrier Board, Oriented Strand Board, Plywood or Slipsheet over Plywood. These substrates may be placed over insulation or additional substrate layers as specified in the roofing systems. The substrate layer(s) are attached with fasteners and plates.
3. 45 thick MULE-HIDE PRODUCTS CO INC TPO membrane is applied over any combination of substrate layers, as specified in the roof covering systems, and the top substrate layer is attached with adhesives or asphalt. Lower substrate layers may be attached with fasteners and plates, adhesives or asphalt.
4. Any UL Classified Mule-Hide ballasted roofing system described below is Classified for Class 4 Impact Resistance.