

UL Listings - TPO

"The name trusted in roofing since 1906"



**MULE-HIDE PRODUCTS, CO., INC.
UNDERWRITERS LABORATORIES (UL)
TGFU.R13850
ROOFING SYSTEMS - TPO
Revised March 2022**

Any UL Classified MULE-HIDE PRODUCTS CO INC utilizing "TPO-c", "TPO-c Extra", "TPO-c (FR)", "TPO-c Extra (FR)", "SA-TPO-c", "TPO-c Fleece Back (100)", "TPO-c Fleece Back (115)", "TPO-c Fleece Back (135)", "TPO-c Fleece Back FR", "TPO-c Fleece Back Plus FBP-045", "TPO-c Fleece Back Plus FBP-060" or "TPO-c Fleece Back Plus FBP-080" TPO membranes is Classified per ANSI/UL 2218A Class 4 Impact Resistance when any of the following conditions are met:

1. Minimum 72-mil TPO membrane is applied over any combination of substrate layers, as specified in the roof covering systems. The substrate layer(s) may be attached with fasteners and plates.
2. Minimum 60-mil 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) may be attached with fasteners and plates.
3. Minimum 45-mil 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.