

ENGLERT® METALMAN HT UNDERLAYMENT

High Temperature Self Adhesive Roof Underlayment Membrane



ENGLERT METALMAN HT

ENGLERT METALMAN HT High Temperature underlayment is a 40 mil self-adhesive waterproofing membrane composed of SBS modified bitumen and a tough UV anti-slip polyethylene woven top facer. The release film backing is also UV resistant and protects the product from degradation when stored outside for less than 90 days without the need for a cardboard box.

ENGLERT METALMAN HT is designed for use in high temperature environments where the in-service temperature can reach temperatures as high as 240°F. This self sealing, high tensile strength underlayment will provide maximum waterproof protection before, during and after the installation of a metal roof system.

FEATURES/BENEFITS:

- Self-adhered High Temperature underlayment
- Material composed of special elastomeric modified bitumen blends of SBS and other polymers
- Features tough anti-slip polyethylene woven top facer (100% UV resistant)
- Designed for use in extremely hot climates where surface temperatures are as high as 240°F
- Self-sealing composition provides water proof protection (ASTM D 1970)
- Excellent heat reflectivity and high tensile strength ensure maximum performance when installed under a metal roof
- Underlayment can be exposed to the elements for periods of up to 90 days prior to roof being installed
- Product is easy to install
- Miami-Dade Compliant NOA #08-0225.10
- Florida Building Code Compliant FL11351.1



TECHNICAL DATA

MATERIAL COMPOSITION

Elastomeric Bitumen	Blend of bitumen & SBS polymers
Core Material	Elastomeric bitumen (blend of bitumen & SBS polymers)
Topside Composition	Tri-laminate polyethylene
Underside Composition	Self adhered with release material

MATERIAL SPECIFICATIONS

Approx. Nominal Thickness	40 MIL
Approx. Gross Roll Coverage	200 FT ²
Side Lap (if applicable)	3 IN
End Lap (if applicable)	6 IN
Roll Length	67 FT
Roll Width	36 IN
Approx. Roll Weight	40 LBS
Rolls per Pallet	25
High Temperature Rating	240°F
Part No.	07050I


PRODUCT TEST RESULTS

Low Temperature Flexibility ASTM D 1970	-22°F	
Peel Resistance on Plywood ASTM D 903	11.4 LBS/FT	
Florida Building Code	FL 11351.1	
Miami-Dade Product Control Approved	NOA #08-0225.10	
Load Strain Properties @ 77°F	Machine Direction	Cross Machine Direction
Maximum Load (LBS/IN)	64	88
Elongation @ Maximum Load (%)	52	24