

Henry TPO Fully Adhered Roofing System Materials Estimator Guide



Henry TPO Fully Adhered Roofing System

Henry TPO is a fully adhered roofing system that protects against harsh weather, and its white surface reflects the sun's heat and damaging UV rays to reduce cooling demands for a better performing building.

When fully adhered, a TPO roofing system offers unparalleled wind uplift protection, making it ideal for high elevations, hurricane-prone areas, and other places where wind is a concern. With a Henry TPO Fully Adhered Roofing System, you're equipped to protect every critical point on the roof and prevent costly failures.

Product	Description and Use	Calculation
1 TPO Membrane	TPO Membrane is the waterproofing material which is bonded to a suitable substrate. TPO Membrane should extend up perimeter or parapet walls by at least 12" and extend beyond the edge of the roof by 3". Seams should overlap by 3".	<ul style="list-style-type: none"> Sizes: 6'x50' and 10'x50' rolls Roof length x width + 12" or more for wall or curb terminations + 3" overlap for seams + 3" beyond the roof edge
2 Low-VOC Bonding Adhesive	Low-VOC Bonding Adhesive is used to bond TPO Membrane to a suitable substrate. Low-VOC Bonding Adhesive is roller applied to both the substrate and underside of TPO Membrane which is then rolled into place once the adhesive is still tacky but will not string to a dry finger touch.	<ul style="list-style-type: none"> Size: 5 gallon pail Roof length x width + wall and curb area ÷ 60 = gallons of Low-VOC Bonding Adhesive required
3 Seam Tape	Seam Tape is used in conjunction with Low-VOC Primer to bond two sheets of TPO Membrane together in the field, providing long-term splice strength.	<ul style="list-style-type: none"> Size: 3"x100' roll Panel size and layout will determine seam length
4 Low-VOC Primer	Low-VOC Primer is applied to TPO Membrane surface anywhere Henry pressure-sensitive products are used.	<ul style="list-style-type: none"> Size: 1 quart can Coverage rate as high as 700 sq. ft. per gallon
5 Corners/T-Joint Covers	Non-reinforced flashing used to seal T-Joint intersections and provide a simple method to create watertight corner details. After flashing a curb or any vertical surface use Corners/T-Joint Covers to complete the detail.	<ul style="list-style-type: none"> Size: 7"x9" (4 Corners/T-Joint Covers per carton) 1 Corner/T-Joint Cover per corner and T-joint
6 Cover Strip	Non-reinforced TPO laminated to pressure-sensitive tape is used to strip in metal drip edges, as well as repair any damage to TPO Membrane.	<ul style="list-style-type: none"> Size: 6"x50' roll Metal drip edge length in ft. ÷ 50 = number of rolls needed
7 Pipe Seal	Pre-molded Pipe Seal creates a water tight seal around cylindrical penetrations from 1" to 6" in diameter.	<ul style="list-style-type: none"> Size: Fits 1" to 6" pipe One Pipe Seal for every 1" to 6" pipe
8 Low-VOC Water Cut-Off Mastic	Low-VOC Water Cut-Off Mastic is a non-curing butyl sealant that creates a water tight gasket when placed in compression by Drain Clamping Rings, Termination Bars, and Pipe Seal Clamping Rings.	<ul style="list-style-type: none"> Size: 11 fl. oz. cartridge 10 linear ft. per cartridge
9 Termination Bar	Used to terminate TPO Membrane on vertical surfaces including on parapet walls and over roof edges.	<ul style="list-style-type: none"> Size: 1"x10' bar Length of perimeter + length of other vertical terminations
10 Single-Ply Sealant	Used for general caulking such as above Termination Bars and Pipe Seal Clamping Rings.	<ul style="list-style-type: none"> Size: 10.1 fl. oz. cartridge 25 linear ft. per cartridge
11 Lap Sealant	Used to seal around the edges of non-reinforced flashing products such as Corners/T-Joint Covers.	<ul style="list-style-type: none"> Size: 11 fl. oz. cartridge 22 linear ft. per cartridge

Please consult Henry TPO Fully Adhered Installation Guide for installation criteria.

Henry TPO Fully Adhered Roofing System Materials Estimator Guide is designed to facilitate the development of a materials list. Due to the unique nature of each individual project we make no representations that the list provided will be absolute.