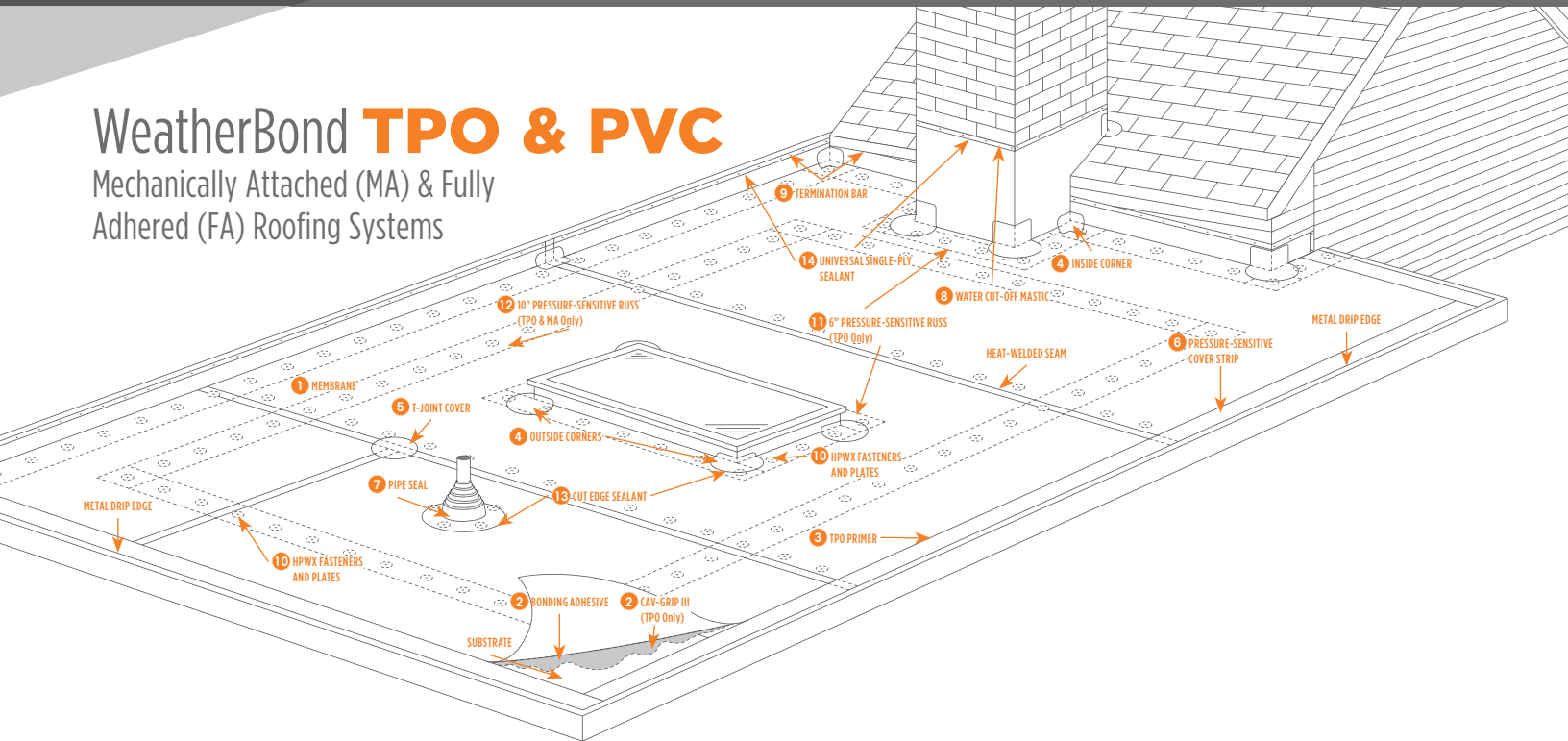


WeatherBond TPO & PVC

Mechanically Attached (MA) & Fully Adhered (FA) Roofing Systems



Product	Description and Use		Calculation
	Mechanically Attached	Fully Adhered	
1 Membrane	TPO and PVC membrane is used as the waterproofing material which is bonded or mechanically attached to the substrate. TPO and PVC membrane is available in various thicknesses, widths and lengths. Membrane should extend up perimeter or parapet walls by at least 12 in. and hang over the edge of the roof by 3 in. Seams should overlap by 3 or 6 in.*		Roof length x width + 12 in. or more for wall or curb terminations + 3 or 6 in. overlap for seams + 3 in. overhang off the roof edge.
2 TPO Bonding Adhesive	N/A	WeatherBond TPO Bonding Adhesive is used to bond the membrane to the substrate. Bonding Adhesive is roller applied to both surfaces and the membrane is rolled into place. Finished coverage rate is 60 sq. ft./gallon.	Roof length x width + wall and curb area if greater than 12 in. tall / 60 = gallons of bonding adhesive needed.
2 Low-VOC PVC Bonding Adhesive	N/A	WeatherBond's Low-VOC PVC Bonding Adhesive is used to bond PVC membrane to the substrate.	Roof length x width + wall and curb area if greater than 12 in. tall / 60 = gallons of bonding adhesive needed
2 CAV-GRIP III (TPO Only)	N/A	Low-VOC Aerosol Adhesive/Primer used for adhering all WeatherBond TPO and EPDM membranes to walls and horizontal surfaces.	Coverage rate is 1,000 SF per 40 lb cylinder
3 TPO Primer	TPO Primer is used to prepare the TPO membrane surface anywhere WeatherBond's Pressure-Sensitive products are used, including Cover Strip and RUSS.		Coverage rate is 200-250 ft ² /gallon.
4 Inside/Outside Corners	Inside/Outside Corners are an easy way to finish corner details. After flashing a curb or any vertical surface use inside or outside corners to finish the detail.		One Inside or Outside Corner/corner.
5 T-Joint Cover	Non-reinforced flashings used to seal T-Joint Splice Intersections		One T-Joint Cover
6 TPO Pressure-Sensitive Cover Strip	Non-reinforced TPO laminated to pressure-sensitive tape is used to strip in metal drip edges, as well as cover cut edges of TPO membrane. PS Cover Strip is available in rolls 100 ft. in length and 6 in. in width.		Metal drip edge length in ft. ÷ 100 = number of rolls needed.
6 PVC Pressure-Sensitive Cover Strip	Non-Reinforced KEE HP flashing laminated to a nominal 35-mil, fully cured, pressure-sensitive, synthetic rubber adhesive used to strip in metal edging. PVC Step 1 Primer and PVC Step 2 Activator Required.		Metal drip edge length in ft. / 100 - number of rolls needed
7 Pipe Seal	Pre-molded Pipe Seals create a watertight seal around cylindrical penetrations from 1 in. to 6 in. in diameter. Split Pipe Seals are also available from 1 in. to 6 in. in diameter.		One Pipe Seal for every 1 in. to 6 in. pipe.
8 Water Cut-Off Mastic	Water Cut-Off Mastic is a gasket-forming liquid compression sealant applied behind the membrane at drain covers, behind termination bars and pipe seals.		10 linear ft./tube.
9 Termination Bar	Used to terminate membrane on a vertical surface including on a parapet wall or over the roof edge. Available in 10 ft. lengths.		Length of perimeter + length of other vertical terminations.
10 HPWX Fasteners and Plates	HPWX Fasteners are heavy-duty #15 phillips head screws used in conjunction with 2 3/8 in. wide metal barbed, HPWX Plates. HPWX Fasteners and Plates are used for membrane and RUSS attachment.*	For fully adhered TPO and PVC, HPWX Fasteners and Plates are required a maximum of 12" OC to secure the PS RUSS.*	At least one fastener and plate/ft. of RUSS and membrane seam. See specification for specific attachment information.
11 6" TPO Pressure-Sensitive RUSS	Used in conjunction with TPO Primer. 6"-wide Pressure-Sensitive RUSS is used as additional membrane securement at walls, curbs, angle changes, etc. 6" RUSS comes in 100' rolls.		Add the length of all curbs, parapets and angle changes in ft. ÷ 100.
12 10" TPO Pressure-Sensitive RUSS	To reduce time and labor cost, 10" Pressure-Sensitive RUSS can be used in conjunction with TPO Primer to form perimeter sheets on Mechanically Attached Systems.	N/A	10" RUSS comes in 100' rolls. Roof perimeter in ft. ÷ 100.
13 Cut Edge Sealant	A white- or clear-colored sealant used to seal cut edges of WeatherBond TPO and PVC membrane. A coverage rate of approximately 225-275 linear ft. per squeeze bottle can be achieved when a 1/8" diameter bead is applied.		Typical usage is 1 bottle/1000 sq. ft. of membrane.
14 Universal Single-Ply Sealant	Used for general caulking such as above termination bars.		20 linear ft./tube.

*Please consult WeatherBond TPO & PVC Installation Guides for installation criteria.



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

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