



3.0 COMMERCIAL ROOFING PRODUCT GUIDE

MODIFIEDS, FELTS, BASE SHEETS, AND CAP SHEETS

3.0 COMMERCIAL ROOFING
PRODUCT GUIDE

PRODUCT	DESCRIPTION	PRODUCT LIMITED WARRANTIES*
AWAPLAN PREMIUM FR	AWAPLAN PREMIUM FR is reinforced with a 250 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with fire-resistant SBS-rubber-modified asphalt, and surfaced with ceramic granules for protection from ultraviolet degradation.	15 Yr.
AWAPLAN PREMIUM	AWAPLAN PREMIUM was introduced in 1977 and was the first SBS-modified-asphalt polyester-based roll roofing manufactured in the United States. AWAPLAN PREMIUM is reinforced with a 250 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with SBS-rubber-modified asphalt, and surfaced with ceramic granules for protection from ultraviolet degradation.	15 Yr.
AWAPLAN HEAT WELDING	AWAPLAN HEAT WELDING is reinforced with a 250 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with SBS-rubber-modified asphalt, and surfaced with ceramic granules for protection from ultraviolet degradation.	15 Yr.
AWAPLAN 170 FR	AWAPLAN 170 FR is reinforced with a 180 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with fire-resistant SBS-rubber-modified asphalt, and surfaced with ceramic granules for protection from ultraviolet degradation.	12 Yr.
AWAPLAN 170	AWAPLAN 170 is reinforced with a 180 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with SBS-rubber-modified asphalt, and surfaced with ceramic granules for protection from ultraviolet degradation.	12 Yr.
AWAPLAN VERSA-SMOOTH	AWAPLAN VERSA-SMOOTH is reinforced with a 180 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with SBS-rubber-modified asphalt.	12 Yr.
AWAFLEX FR	AWAFLEX FR is reinforced with a 155 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with fire-resistant SBS-rubber-modified asphalt, and surfaced with ceramic granules for protection from ultraviolet degradation.	10 Yr.
AWAFLEX®	AWAFLEX is reinforced with a 155 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with SBS-rubber-modified asphalt, and surfaced with ceramic granules for protection from ultraviolet degradation.	10 Yr.
AWAPLAN VERSAFLEX	AWAPLAN VERSAFLEX is reinforced with a 180 g/m ² nonwoven polyester mat saturated with asphalt and coated on both sides with SBS-rubber-modified asphalt.	10 Yr.
VERSA-CAP FR®	VERSA-CAP FR consists of a TAMKO fiberglass mat coated on both sides with fire-resistant SBS-rubber-modified asphalt, and surfaced with ceramic granules for protection from ultraviolet degradation.	10 Yr.
VERSA-BASE®	VERSA-BASE consists of a TAMKO fiberglass mat coated on both sides with SBS-rubber-modified asphalt.	5 Yr.
BASE-N-PLY®	BASE-N-PLY consists of a TAMKO fiberglass mat coated on both sides with asphalt that has been lightly modified with SBS rubber.	5 Yr.
TAM-GLASS PREMIUM®	TAM-GLASS PREMIUM is a high-performance fiberglass ply sheet constructed with a TAMKO heavyweight fiberglass mat coated with weathering-grade asphalt. It demonstrates excellent isotropic tensile strength. System tensile strength is far greater than current NBS performance criteria.	10 Yr.
TAM-PLY IV®	TAM-PLY IV is a high-performance fiberglass ply sheet constructed with a TAMKO fiberglass mat coated with weathering-grade asphalt. It has product and system tensile strength exceeding current ASTM and NBS recommendations.	10 Yr.
GLASS-BASE	GLASS-BASE is a fiberglass base sheet constructed with a heavyweight TAMKO fiberglass mat coated with weathering-grade asphalt.	5 Yr.
VAPOR-CHAN®	VAPOR-CHAN is a heavyweight venting base sheet constructed with a TAMKO fiberglass mat coated with weathering-grade asphalt. The bottom surface is embedded with mineral granules and embossed with a brick/stone pattern.	5 Yr.
TAM-CAP®	TAM-CAP is a mineral-surfaced fiberglass cap sheet constructed with a TAMKO fiberglass mat coated with weathering-grade asphalt and surfaced with ceramic granules.	–
TYPE 43 Coated Base Sheet	TYPE 43 Coated Base Sheet is a premium-quality organic base sheet constructed with a heavyweight TAMKO organic felt mat that is saturated then coated with weathering-grade asphalt. It demonstrates high tensile strength and excellent resistance to tears and nail pull-through.	–

* Also see pages 18 and 19 for a list of Roofing System Limited Warranties.

** Where more than one method is given, consult the specific system specification desired or the Technical Services Department.

† ICC-ES ESR-1013

USES	APPLICATION METHOD**	LENGTH	APPROXIMATE WIDTH	WEIGHT	COVERAGE	CERTIFICATION
Roofing membrane in Series 100FR Specifications, flashing membrane in all TAMKO flashing details, and walkway material to protect roof membranes.	Hot asphalt, heat weld or approved cold adhesive	33' 11"	39-3/8"	100 lb.	1 square	U.L. Classified Membrane ASTM D 6164, Type II FM Approved, ICC-ES† Dade County Approved
Roofing membrane in Series 100 Specifications, flashing membrane in all TAMKO flashing details, and walkway material to protect roof membranes.	Hot asphalt, heat weld or approved cold adhesive	33' 11"	39-3/8"	100 lb.	1 square	U.L. Classified Membrane ASTM D 6164, Type II FM Approved, ICC-ES† Dade County Approved
Roofing membrane in Series 100HW Specifications, flashing membrane in all TAMKO flashing details, and walkway material to protect roof membranes.	Hot asphalt, heat weld or approved cold adhesive	25' 5"	39-3/8"	93 lb.	3/4 square	U.L. Classified Membrane ASTM D 6164, Type II ICC-ES†
Roofing membrane in Series 200FR Specifications and flashing membrane in select TAMKO flashing details.	Hot asphalt or approved cold adhesive	33' 11"	39-3/8"	95 lb.	1 square	U.L. Classified Membrane ASTM D 6164, Type I FM Approved, ICC-ES† Dade County Approved
Roofing membrane in Series 200 Specifications and flashing membrane in select TAMKO flashing details.	Hot asphalt or approved cold adhesive	33' 11"	39-3/8"	94 lb.	1 square	U.L. Classified Membrane ASTM D 6164, Type I FM Approved, ICC-ES† Dade County Approved
Base ply in 2-ply modified systems, modified membrane in Specifications 243, 244 and 245, and flashing membrane in select TAMKO flashing details with approved coating.	Hot asphalt, heat weld, mechanically fastened, approved cold adhesive	33' 11"	39-3/8"	96 lb.	1 square	U.L. Classified Membrane ASTM D 6164, Type I Dade County Approved
Roofing membrane in Series 1000FR Specifications and flashing membrane in select TAMKO flashing details.	Hot asphalt or approved cold adhesive	33'	39-3/8"	76 lb.	1 square	U.L. Classified Membrane FM Approved Dade County Approved
Roofing membrane in Series 1000 Specifications and flashing membrane in select TAMKO flashing details.	Hot asphalt or approved cold adhesive	33'	39-3/8"	74 lb.	1 square	U.L. Classified Membrane FM Approved
Base ply in select 2-ply modified systems, modified membrane in Series 1300 Specifications.	Hot asphalt or approved cold adhesive	33' 11"	39-3/8"	76 lb.	1 square (111.3 sq. ft.)	U.L. Classified Membrane ASTM D 6164, Type I FM Approved Dade County Approved
Roofing membrane in Series 700 Specifications.	Hot asphalt only	33'	39-3/8"	85 lb.	1 square	U.L. Classified Membrane FM Approved, Dade County Approved
Base ply in select Series 100, 200, and 700 Specifications and as an alternate for TAMKO GLASS-BASE or TYPE 43 Coated Base Sheet in any TAMKO specification. It also serves as a good vapor retarder when set in hot asphalt or between layers of insulation.	Hot asphalt or mechanically fastened	48' 2"	39-3/8"	88 lb.	1-1/2 squares	U.L. Classified Base/Ply Sheet ASTM D 6163, Type I FM Approved, Dade County Approved
Base ply in select Series 100, 200, and 700 Specifications and as an alternate for TAMKO GLASS-BASE or TYPE 43 Coated Base Sheet in any TAMKO specification.	Hot asphalt or mechanically fastened	97' 6"	39-3/8"	79 lb.	3 squares	U.L. Classified Base/Ply Sheet ASTM D 4601, Type II Dade County Approved
Base ply or reinforcing ply sheet for select Series 100 and 200 Specifications, and reinforcing ply sheet in Series 500 Specifications.	Hot asphalt	161' 9"	39-3/8"	37 lb.	5 squares	U.L. Type G1 ASTM D 2178, Type VI FM Approved Dade County Approved
Base ply or reinforcing ply sheet for select Series 100 and 200 Specifications, and reinforcing ply sheet in Series 600 Specifications.	Hot asphalt	161' 9"	39-3/8"	33 lb.	5 squares	U.L. Type G1 ASTM D 2178, Type IV FM Approved Dade County Approved
Base sheet in select TAMKO modified asphalt and fiberglass roofing systems and as an alternate for TAMKO TYPE 43 Coated Base Sheet in any TAMKO specification.	Hot asphalt or mechanically fastened	97' 6"	39-3/8"	70 lb.	3 squares	U.L. Type G2 ASTM D 4601, Type II FM Approved Dade County Approved
To relieve vapor pressure over lightweight insulating concrete or gypsum decks. It is also specified in AWAPLAN PREMIUM and AWAPLAN 170 systems installed over existing roofing systems.	Hot asphalt or mechanically fastened	32' 11"	39-3/8"	76 lb.	1 square	U.L. Type G2 ASTM D 4897, Type II FM Approved Dade County Approved
Mineral-surfaced cap sheet used in Specifications 244, 502, 507, 512, 513, 602, 607, 612, and 613.	Hot asphalt	32' 11"	39-3/8"	73 lb.	1 square	U.L. Type G3 ASTM D 3909 FM Approved Dade County Approved
Nailed base ply in TAMKO built-up and AWAPLAN PREMIUM and AWAPLAN 170 nailable specifications. It also serves as a good vapor retarder when set in hot asphalt or between insulation layers.	Hot asphalt or mechanically fastened	72'	36"	83 lb.	2 squares	U.L. Type 15 ASTM D 2626 Dade County Approved

For individual Product Data Sheets and MSDS information visit our web site at www.tamko.com and go to the document gallery.