Assembly Identification

Substrate
I = Insulated

Number of Plies
4

Cap Sheet Thickness
T = TPO

Cap Sheet
T = TPO

Type of Base Sheet
C = SBS Composite
F = SBS Fiber glass
P = SBS Polyester
G = BUR Fiber Glass

Membrane Type
T = Thermoplastic

Fleece Backed
Membrane adhered with JM Approved Hot Asphalt

Cementitious
Wood Fiber Deck
Lightweight Insulating Concrete Deck

Cap Sheet
- TPO FB 150™ - (Hot Asphalt)
- TPO FB 175™ - (Hot Asphalt)

Intermediate Ply
- DynaBase™ PR
- DynaFast™ 180 S
- DynaLastic® 180 S
- DynaLastic® 250 S
- GlasPly VI
- PermaPly™ 28

Base Sheet (SBS Polyurethane):
- DynaBase™ Flex
- DynaBase™ 180 S
- DynaLastic® 250 S

Deck Type:
Nailable Decks include:
- Cementitious Wood Fiber
- Gypsum
- Lightweight Insulating Concrete
- Wood (Plywood, Plank, OSB)

Project Name:
Project Location:
Project Number:

For JM Guarantee Requirements Contact JM Technical Services at (800) 922-5922 Option 3 or Refer to the JM Peak Advantage Charges and Requirements-Multi Ply document.
Using one of the base sheets listed, start with a base sheet. The surface must be clean, smooth, flat and dry. Built Up roofing and SBS modified bitumen should not be applied directly to plastic insulations.

**General**
This specification is for use over any approved structural deck (without insulation) which can have a water proofing and protective system. The surface must be clean, dry and free from dirt, dust, alkali or other chemical agents. Sheet laps must be 2" (51 mm) minimum in width and delivered into a full mopping of hot asphalt without voids. All sheet edges should be well sealed.

**Design**
Consider local conditions and characteristics when designing, specifying and installing any roofing system. Information from the Single Ply Roofing Industry (SPRI), Asphalt Roofing Manufacturers Association (ARMA), FM Global and local building codes can provide guidelines for the designer. Design and installation of the deck and/or roof substrate must result in a roof covering that is free from water within 48 hours of a rain event.

**Flashings and Components**
Refer to the Preventative Maintenance Brochure for roof and building maintenance guidelines. Please contact JM Guarantee Services at (800) 922-5922 Option 3 for additional guarantee information and guidelines.

**SBS Base Sheet Application**
Using one of the base sheets listed, start with a 1/2 width sheet. The remaining sheets are to be applied full width with 3" (76 mm) side and 4" (102 mm) end laps over preceding sheets. Nail per specifications. Use nails or fasteners appropriate for the substrate type, with 1" (25 mm) minimum diameter caps. Refer to the JM SBS Application Guide for additional information.

**BUR Base Sheet Application**
Using one of the base sheets listed, start with a 1/4 width sheet. The remaining sheets are to be applied with 2" (51 mm) side laps and 4" (102 mm) end laps. Nail as described above.

**Asphalt Application**
JM BUR, SBS modified bitumen and thermoplastic fleece back products are designed to be installed with hot asphalt. Permanently coal tar pitch and coal tar asphalt are not permitted.

**Thermoplastic Membrane with Redundant Bituminous Systems Over Nailable Decks**
These specifications are for use over any type of structural deck (with or without insulation) which can have a water proofing and protective system. The surface must be clean, dry and free from dirt, dust, alkali or other chemical agents. Sheet laps must be 2" (51 mm) minimum in width. JM TPO Fleece Backed membrane for hot asphalt application has a 8 oz. polyester fleece for staining protection against the asphalt. The membrane if furnished in 60 and 80 mil thickness and delivered in 10' widths.

**Steep Slope Requirements**
Special procedures are required on inclines over 1/2" per foot (41 mm/m). Refer to the SBS Application Guide for further information.

**4 PLY TPO HYBRID INCLUDING NAILED BASE SHEET**

**Re-Roofing**
A large percentage of all commercial and industrial roofing pertains to re-roofing of existing buildings. Refer to the JM Re-Roofing document for inspection, testing, components and other valuable information pertaining to re-roofing projects.

**JM Guarantee Requirements**
JM Peak Advantage® Guarantees are available up to a 25 year term with approved components and assembly make-up. Refer to the JM Peak Advantage Charges and Requirements- Bituminous Systems document for additional guarantee information.

Refer to the JM Peak Advantage Guarantee Information document for additional guarantee information and guidelines.

Refer to the JM Peak Advantage Guarantee Specimen document to see a JM Peak Advantage Guarantee sample.

All guaranteed installations must follow the guidelines for the requested guarantee as outlined in the SBS Modified Bitumen Specifications document. Not all JM specifications are eligible for all JM Peak Advantage Guarantee terms or enhanced coverage. Please contact JM Guarantee Services at (800) 922-5922 Option 3 for specific requirements.

All projects requiring a guarantee from JM must be applied for a minimum 14 days in advance of job start. Refer to the Preventative Maintenance Brochure for roof and building maintenance guidelines.