

6.2 REROOFING SPECIFICATIONS

Smooth Surfaced Roofs, Dibiten Poly/4, Poly/5

Specification R405

Surface Types:

Smooth Surfaced Existing Roofs.

Insulation:

Insulation used in reroofing over existing smooth surfaced roofs is an option, not a requirement. When used, only rigid roof insulation compatible with Dibiten modified bitumen membranes should be used (see requirements in Insulation Application below). Dibiten membrane products may be adhered directly to Johns Manville DuraBoard. All other insulations require a fiber glass base sheet to be installed on top of the insulation before Dibiten products are installed. Expanded polystyrene may not be used unless it is sandwiched between two layers of perlite board.

Base Sheet:

U.L. approved type G-2 fiber glass base sheet (25 lbs. per 100 square feet or heavier), mechanically fastened.

Dibiten Poly/4, Poly/5:

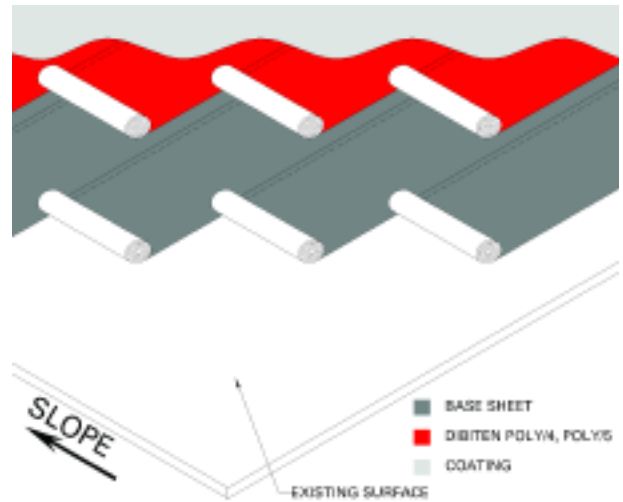
Smooth surfaced modified bitumen membrane reinforced with nonwoven polyester fabric: heat weld applied only.

Coating:

Dibiten recommends coating all non-granulated finished membranes. This is a requirement if the roof membrane is to be guaranteed. Use a solvent, acrylic or latex based coating compatible with modified bitumen systems. Application rates vary by manufacturer but should never be installed less than 1 gallon per 100 square feet. Coatings will enhance the life of the roof membrane but need to be maintained. Periodic recoating may be necessary. Recoating is the responsibility of the building owner.

Insulation/Base Sheet Application (Optional):

1. Install insulation units with long joints continuous. End joints should be staggered so that they are offset at least 12" from the end joints in adjacent rows. The units of insulation should fit snugly to adjoining units.
2. If Johns Manville DuraBoard Insulation is utilized by itself or as the top layer of a multilayer insulation system, Dibiten smooth or granulated products may be heat welded directly to the DuraBoard.
3. Insulation may be mechanically attached to metal, gypsum, cementitious wood fiber or structural concrete decks. Insulation may be adhered with an appropriate



cold adhesive to structural concrete, cementitious wood fiber and pre-cast concrete decks.

4. Other roof insulation products can be used without DuraBoard if it is possible to mechanically attach a fiber glass base sheet through the insulation into the deck (metal, structural concrete, gypsum, cementitious wood fiber).
5. Where required, mechanically fasten a 19 3/4" (502 mm) wide piece of base ply through the insulation. The remaining base plies are to be applied full width with 3" (76 mm) side and 4" (102 mm) end laps over the preceding sheets. Fasten the laps at 9" (229 mm) centers, and down the longitudinal center of each felt ply. Place two rows of fasteners, with the rows spaced approximately 11" (279 mm) apart, and fasteners staggered on approximately 1/8" (457 mm) centers. Use fasteners appropriate to the insulation and deck.

Roofing Application:

1. Prepare surface to be roofed as described in Section 2.4, Reroofing, of this manual.
2. Starting at the low point of the roof, heat weld a full width piece of Dibiten Poly/4 or Poly/5 so that it is firmly and uniformly set. Subsequent sheets are to be applied in the same manner, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets. All laps must be rolled with a 3" (76 mm) rounded edge roller. A 1/8" to 3/8" (3 mm to 10 mm) bleedout of compound shall be visible at the edge of all seams. All laps must be checked for good adhesion.
3. Apply finish coating.

Specification & Application Manual

Modified Bitumen Roofing Membranes

REROOFING SPECIFICATIONS

Smooth Surfaced Roofs, Dibiten Poly/4.5 Granular

Specification R455

Specification R455 FR

Surface Types:

Smooth Surfaced Existing Roofs.

Insulation:

Insulation used in reroofing over existing smooth surfaced roofs is an option, not a requirement. When used, only rigid roof insulation compatible with Dibiten modified bitumen membranes should be used (see requirements in Insulation Application below). Dibiten membrane products may be adhered directly to Johns Manville DuraBoard. All other insulations require a fiber glass base sheet to be installed on top of the insulation before Dibiten products are installed. Expanded polystyrene may not be used unless it is sandwiched between two layers of perlite board.

Base Sheet:

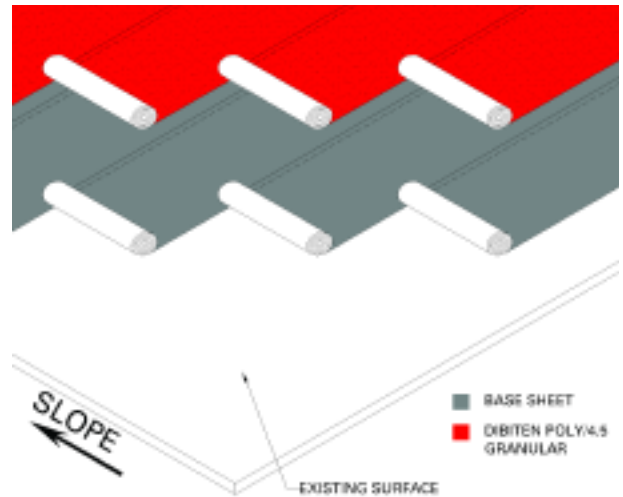
U.L. approved type G-2 fiber glass base sheet (25 lbs. per 100 square feet or heavier), mechanically fastened.

Dibiten Poly/4.5 Granular:

Granular (slate flake) surfaced modified bitumen membrane, heat weld applied only.

Insulation/Base Sheet Application (Optional):

1. Install insulation units with long joints continuous. End joints should be staggered so that they are offset at least 12" from the end joints in adjacent rows. The units of insulation should fit snugly to adjoining units.
2. If Johns Manville DuraBoard insulation is utilized by itself or as the top layer of a multilayer insulation system, Dibiten smooth or granulated products may be heat welded directly to the Duraboard.
3. Insulation may be mechanically attached to metal gypsum, cementitious wood fiber or structural concrete decks. Insulation may be adhered with an Other roof insulation products can be used without DuraBoard if it is possible to mechanically attach a fiber glass base sheet through the insulation into the deck (metal, structural concrete, gypsum, cementitious wood fiber).
4. Where required, mechanically fasten a 19 3/4" 502 mm) wide piece of base ply through the insulation. The remaining base plies are to be applied full width



with 3" (76 mm) side and 4" (102 mm) end laps over the preceding sheets. Fasten the laps at 9" (229 mm) centers, and down the longitudinal center of each felt ply, place two rows of fasteners, with the rows spaced approximately 11" (279 mm) apart, and fasteners staggered on approximately 18" (457 mm) centers. Use fasteners appropriate to the insulation and deck.

Roofing Application:

1. Prepare surface to be roofed as described in Section 2.4, *Reroofing*, of this manual.
2. Starting at the low point of the roof, heat weld a full width piece of Dibiten Poly 4.5 or Poly 4.5 FR, so that it is firmly and uniformly set. Subsequent sheets are to be applied in the same manner, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets. All laps must be rolled with a 3" (76 mm) rounded edge roller. A 1/8" to 3/8" (3 mm to 10 mm) bleedout of compound shall be visible at the edge of all seams. All laps must be checked for good adhesion. Preparation of the 6" (152 mm) end lap requires scuffing away all loose granules. Heat and embed all remaining granules. Apply heat to the roll being seamed while making sure both have a good compound flow to adhere the two surfaces. End laps must be checked for proper adhesion.

REROOFING SPECIFICATIONS

Smooth Surfaced Roofs, Dibiten Poly/4, Two Ply Specification

Specification R405-2

Surface Types:

Smooth Surfaced Existing Roofs.

Insulation:

Insulation used in reroofing over existing smooth surfaced roofs is an option, not a requirement. Only rigid roof insulation compatible with Dibiten modified bitumen membranes should be used (see requirements in Insulation Application below). Dibiten membrane products may be adhered directly to Johns Manville DuraBoard. All other insulations require a fiber glass base sheet to be installed on top of the insulation before Dibiten products are installed. Expanded polystyrene may not be used unless it is sandwiched between two layers of perlite board.

Base Sheet:

U.L. approved type G-2 fiber glass base sheet (25 lbs. per 100 square feet or heavier), mechanically fastened.

Dibiten Poly/4, Dibiten Poly/5:

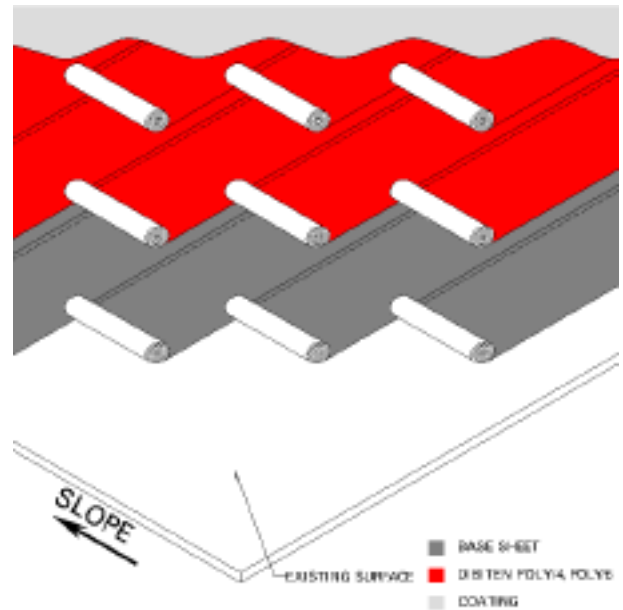
Smooth surfaced modified bitumen membrane, heat weld applied only.

Coating:

Dibiten recommends coating all non-granulated finished membranes. This is a requirement if the roof membrane is to be guaranteed. Use a solvent, acrylic or latex based coating compatible with modified bitumen systems. Application rates vary by manufacturer but should never be installed less than 1 gallon per 100 square feet. Coatings will enhance the life of the roof membrane but need to be maintained. Periodic recoating may be necessary. Recoating is the responsibility of the building owner.

Insulation/Base Sheet Application (Optional):

1. Install insulation units with long joints continuous. End joints should be staggered so that they are offset at least 12" from the end joints in adjacent rows. The units of insulation should fit snugly to adjoining units.
2. If Johns Manville DuraBoard insulation is utilized by itself or as the top layer of a multilayer insulation system, Dibiten smooth or granulated products may be heat welded directly to the Duraboard.
3. Insulation may be mechanically attached to metal gypsum, cementitious wood fiber or structural concrete decks. Insulation may be adhered with an appropriate cold adhesive to structural concrete, cementitious wood fiber and pre-cast concrete decks.



4. Other roof insulation products can be used without DuraBoard if it is possible to mechanically attach a fiber glass base sheet through the insulation into the deck (metal, structural concrete, gypsum, cementitious wood fiber).
5. Where required, mechanically fasten a 19 3/4" (502 mm) wide piece of base ply through the insulation. The remaining base plies are to be applied full width with 3" (76 mm) side and 4" (102 mm) end laps over the preceding sheets. Fasten the laps at 9" (229 mm) centers, and down the longitudinal center of each felt ply, place two rows of fasteners, with the rows spaced approximately 11" (279 mm) apart, and fasteners staggered on approximately 1/8" (457 mm) centers. Use fasteners appropriate to the insulation and deck.

Roofing Application:

1. Starting at the low edge of the roof, heat weld a 19 3/4" (502 mm) wide piece of Dibiten Poly/4 or Poly/5. The remaining sheets are to be applied full width, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets.
2. Starting at the low point of the roof, heat weld a full width piece of Poly/4 or Poly/5 so that it is firmly and uniformly set. Subsequent sheets are to be applied in the same manner, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets. All laps must be rolled with a 3" (76 mm) rounded edge roller. A 1/8" to 3/8" (3 mm to 10 mm) bleedout of compound shall be visible at the edge of all seams. All laps must be checked for good adhesions.
3. Apply finish coating.

Specification & Application Manual

Modified Bitumen Roofing Membranes

REROOFING SPECIFICATIONS

Smooth Surfaced Roofs, Dibiten Poly/4.5, Two Ply Specifications

Specification R455-2

Surface Types:

Smooth Surfaced Existing Roofs.

Insulation:

Insulation used in reroofing over existing smooth surfaced roofs is an option, not a requirement. Only rigid roof insulation compatible with Dibiten modified bitumen membranes should be used (see requirements in Insulation Application below). Dibiten membrane products may be adhered directly to Johns Manville DuraBoard. All other insulations require a fiber glass base sheet to be installed on top of the insulation before Dibiten products are installed. Expanded polystyrene may not be used unless it is sandwiched between two layers of perlite board.

Base Sheet:

U.L. approved type G-2 fiber glass base sheet (25 lbs. per 100 square feet or heavier), mechanically fastened.

Dibiten Poly/4, Poly/5:

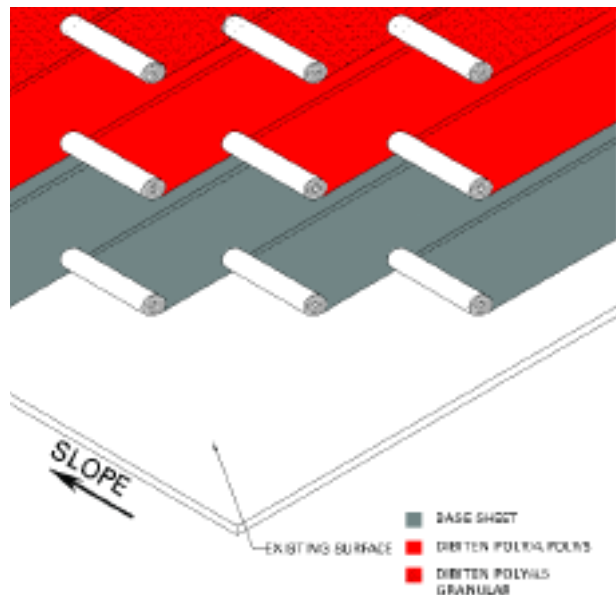
Smooth surfaced modified bitumen membrane, heat weld applied only.

Dibiten Poly/4.5 Granular:

Granular (slate flake) surfaced modified bitumen membrane, heat weld applied only.

Roofing Application:

1. Prepare surface to be roofed as described in Section 2.4, *Reroofing*, of this manual.
2. Where required, mechanically fasten a 19 3/4" (502 mm) wide piece of base into the structural deck. The remaining base plies are to be applied full width at 9" (229 mm) centers, and down the longitudinal center of each felt ply. Place two rows of fasteners, with the rows spaced approximately 11" (279 mm) apart, and fasteners staggered on approximately 18" (457 mm) centers. Use fasteners appropriate to the insulation and deck.
3. Starting at the low edge of the roof, heat weld a 19 3/4" (502 mm) wide piece of Dibiten Poly/4 or Poly/5. The remaining sheets are to be applied full width, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets.



4. Starting at the low point of the roof heat, weld a full width piece of Dibiten Granular or Dibiten FR so that it is firmly and uniformly set. Subsequent sheets are to be applied in the same manner, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets. All laps must be rolled with a 3" (76 mm) rounded edge roller. A 1/8" to 3/8" (3 mm to 10 mm) bleedout of compound shall be visible at the edge of all seams. All laps must be checked for good adhesion.

REROOFING SPECIFICATIONS

Gravel Surfaced Roofs, Dibiten Poly/4, Poly/5

Specification R406

Surface Types:

Existing Gravel Roofs.

Insulation or Recovery Board:

Rigid roof insulation, minimum 1/2" must be installed over existing gravel surfaced roofs. If Johns Manville DuraBoard is used, the Dibiten membrane products may be adhered directly to Johns Manville DuraBoard. All other insulations require a fiber glass base sheet to be installed on top of the insulation before Dibiten products are installed. Expanded polystyrene may not be used unless it is sandwiched between two layers of perlite board.

Base Sheet:

U.L. approved type G-2 fiber glass base sheet (25 lbs. per 100 square feet or heavier), mechanically fastened.

Dibiten Poly/4, Poly/5:

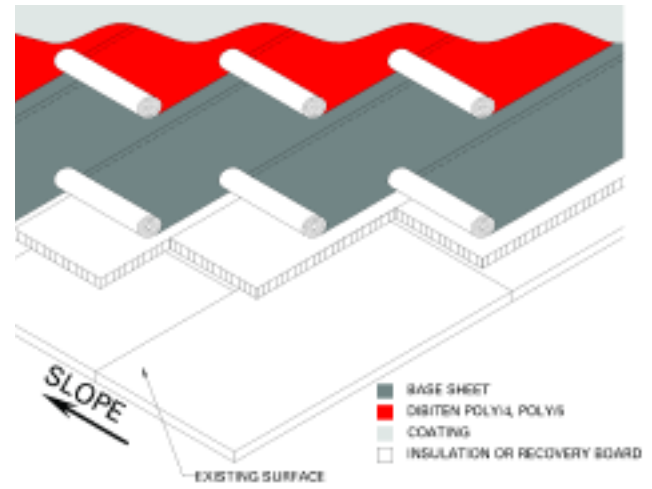
Smooth surfaced modified bitumen membrane, heat weld applied only.

Coating:

Dibiten recommends coating all non-granulated finished membranes. This is a requirement if the roof membrane is to be guaranteed. Use a solvent, acrylic or latex based coating compatible with modified bitumen systems. Application rates vary by manufacturer but should never be installed less than 1 gallon per 100 square feet. Coatings will enhance the life of the roof membrane but need to be maintained. Periodic recoating may be necessary. Recoating is the responsibility of the building owner.

Insulation Application

1. Install insulation units with long joints continuous. End joints should be staggered so that they are offset at least 12" from the end joints in adjacent rows. The units of insulation should fit snugly to adjoining units.
2. If Johns Manville DuraBoard insulation is utilized by itself or as the top layer of a multilayer insulation system, Dibiten smooth or granulated products may be heat welded directly to the DuraBoard.
3. Insulation may be mechanically attached to metal, gypsum, cementitious wood fiber or structural concrete decks. Insulation may be adhered with an appropriate cold adhesive to structural concrete, cementitious wood fiber and pre-cast concrete.
4. Other roof insulation products can be used without DuraBoard if it is possible to mechanically attach a fiber glass base sheet through the insulation into the



deck (metal, structural concrete, gypsum, cementitious wood fiber).

5. Where required, mechanically fasten a 19 3/4" (502 mm) wide piece of base ply through the insulation. The remaining base plies are to be applied full width with 3" (76 mm) side and 4" (102 mm) end laps over the preceding sheets. Fasten the laps at 9" (229 mm) centers, and down the longitudinal center of each felt ply. Place two rows of fasteners, with the rows spaced approximately 11" (279 mm) apart, and fasteners staggered on approximately 1/8" (457 mm) centers. Use fasteners appropriate to the insulation and deck.

Roofing Application

1. Prepare surface to be roofed as described in Section 2.4, *Reroofing*, of this manual. Existing gravel must be removed.
2. Starting at the low edge of the roof, heat weld a 19 3/4" (502 mm) wide piece of Dibiten Poly/4 or Poly/5. The remaining sheets are to be applied full width, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets.
3. Starting at the low point of the roof heat, weld a full width piece of Poly/4 or Poly/5 so that it is firmly and uniformly set. Subsequent sheets are to be applied in the same manner, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets. All laps must be rolled with a 3" (76 mm) rounded edge roller. A 1/8" to 3/8" (3 mm to 10 mm) bleedout of compound shall be visible at the edge of all seams. All laps must be checked for good adhesions.
4. Apply finish coating.

Specification & Application Manual

Modified Bitumen Roofing Membranes

REROOFING SPECIFICATIONS

Gravel Surfaced Roofs, Dibiten Poly/4.5 Granular

Specification R456

Surface Types:

Existing Gravel Roofs.

Insulation or Recovery Board:

Rigid insulation or recovery board, minimum 1/2" must be installed over existing gravel surfaced roofs. If Johns Manville DuraBoard is used, the Dibiten membrane may be installed directly to the insulation. All other insulations require a fiber glass base sheet to be installed on top of the insulation before Dibiten products are used. Expanded polystyrene may not be used unless it is sandwiched between two layers of perlite board.

Base Sheet:

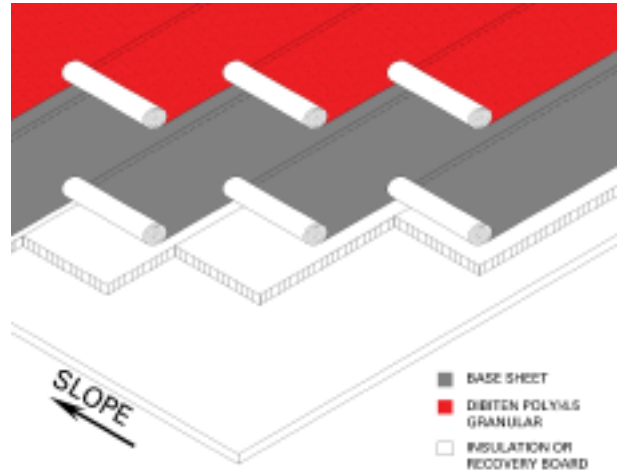
U.L. approved type G-2 fiber glass base sheet (25 lbs. per 100 square feet or heavier), mechanically fastened.

Dibiten Poly/4.5 Granular:

Granular (slate flake) surfaced modified bitumen membrane, heat weld applied only.

Insulation Application:

1. Install insulation units with long joints continuous. End joints should be staggered so that they are offset at least 12" from the end joints in adjacent rows. The units of insulation should fit snugly to adjoining units.
2. If Johns Manville DuraBoard insulation is utilized by itself or as the top layer of a multilayer insulation system, Dibiten smooth or granulated products may be heat welded directly to the DuraBoard
3. Insulation may be mechanically attached to metal, gypsum, cementitious wood fiber or structural concrete decks. Insulation may be adhered with an appropriate cold adhesive to structural concrete, cementitious wood fiber and pre-cast concrete.
4. Other roof insulation products can be used without DuraBoard if it is possible to mechanically attach a fiber glass base sheet through the insulation into the deck (metal, structural concrete, gypsum, cementitious wood fiber).
5. Where required, mechanically fasten a 19 3/4" (502 mm) wide piece of base ply through the insulation. The remaining base plies are to be applied full width with 3" (76 mm) side and 4" (102 mm) end laps over the preceding sheets. Fasten the laps at 9" (229 mm) centers, and down the longitudinal center of each



felt ply. Place two rows of fasteners, with the rows spaced approximately 11" (279 mm) apart, and fasteners staggered on approximately 1/8" (457 mm) centers. Use fasteners appropriate to the insulation and deck.

Roofing Application:

1. Prepare surface to be roofed as described in Section 2.4, *Reroofing*, of this manual. Existing gravel must be removed.
2. Starting at the low point of the roof, heat weld a full width piece of Dibiten Poly 4.5 or Poly 4.5 FR, so that it is firmly and uniformly set. Subsequent sheets are to be applied in the same manner, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets. All laps must be rolled with a 3" (76 mm) rounded edge roller. A 1/8" to 3/8" (3 mm to 10 mm) bleedout of compound shall be visible at the edge of all seams. All laps must be checked for good adhesion. Preparation of the 6" (152 mm) end lap requires scuffing away all loose granules. Heat and embed all remaining granules. Apply heat to the roll being seamed while making sure both have a good compound flow to adhere the two surfaces. End laps must be checked for proper adhesion

REROOFING SPECIFICATIONS

Gravel Surfaced Roofs, Dibiten Poly/4, Poly/5 Two Ply Specifications

Specification R406-2

Surface Types:

Existing Gravel Roofs.

Insulation or Recovery Board:

Rigid insulation or recovery board, minimum 1/2" must be installed over existing gravel surfaced roofs. If Johns Manville DuraBoard is used, the Dibiten membrane may be installed directly to the insulation. All other insulations require a fiber glass base sheet to be installed on top of the insulation before Dibiten products are used. Expanded polystyrene may not be used unless it is sandwiched between two layers of perlite board.

Base Sheet:

U.L. approved type G-2 fiber glass base sheet (25 lbs. per 100 square feet or heavier), mechanically fastened.

Dibiten Poly/4, Poly/5:

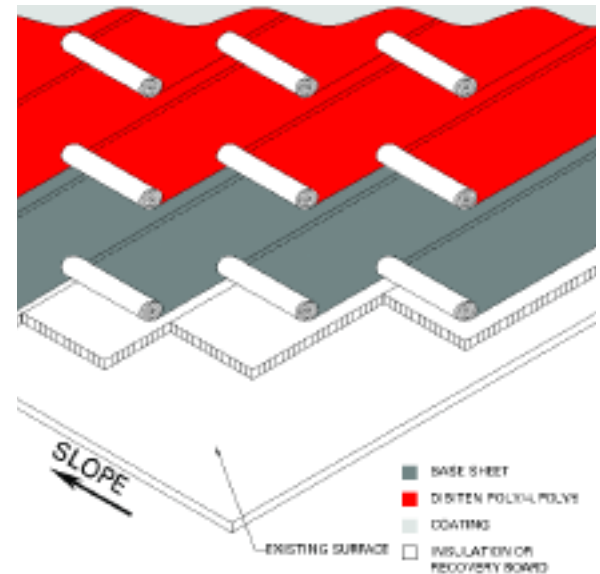
Smooth surfaced modified bitumen membrane, heat weld applied only.

Coating:

Dibiten recommends coating all non-granulated finished membranes. This is a requirement if the roof membrane is to be guaranteed. Use a solvent, acrylic or latex based coating compatible with modified bitumen systems. Application rates vary by manufacturer but should never be installed less than 1 gallon per 100 square feet. Coatings will enhance the life of the roof membrane but need to be maintained. Periodic recoating may be necessary. Recoating is the responsibility of the building owner.

Insulation Application:

1. Install insulation units with long joints continuous. End joints should be staggered so that they are offset at least 12" from the end joints in adjacent rows. The units of insulation should fit snugly to adjoining units.
2. If Johns Manville DuraBoard insulation is utilized by itself or as the top layer of a multilayer insulation system, Dibiten smooth or granulated products may be heat welded directly to the DuraBoard
3. Insulation may be mechanically attached to metal, gypsum, cementitious wood fiber or structural concrete decks. Insulation may be adhered with an appropriate cold adhesive to structural concrete, cementitious wood fiber and pre-cast concrete.
4. Other roof insulation products can be used without DuraBoard if it is possible to mechanically attach a



fiber glass base sheet through the insulation into the deck (metal, structural concrete, gypsum, cementitious wood fiber).

5. Where required, mechanically fasten a 19 3/4" (502 mm) wide piece of base ply through the insulation. The remaining base plies are to be applied full width with 3" (76 mm) side and 4" (102 mm) end laps over the preceding sheets. Fasten the laps at 9" (229 mm) centers, and down the longitudinal center of each felt ply. Place two rows of fasteners, with the rows spaced approximately 11" (279 mm) apart, and fasteners staggered on approximately 1/8" (457 mm) centers. Use fasteners appropriate to the insulation and deck.

Roofing Application

1. Prepare surface to be roofed as described in Section 2.4, *Reroofing*, of this manual. Existing gravel must be removed.
2. Starting at the low edge of the roof, heat weld a 19 3/4" (502 mm) wide piece of Dibiten Poly/4 or Poly/5. The remaining sheets are to be applied full width, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets.
3. Starting at the low point of the roof heat, weld a full width piece of Poly/4 or Poly/5 so that it is firmly and uniformly set. Subsequent sheets are to be applied in the same manner, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets. All laps must be rolled with a 3" (76 mm) rounded edge roller. A 1/8" to 3/8" (3 mm to 10 mm) bleedout of compound shall be visible at the edge of all seams. All laps must be checked for good adhesions.
4. Apply finish coating.

Specification & Application Manual

Modified Bitumen Roofing Membranes

REROOFING SPECIFICATIONS

Gravel Surfaced Roofs, Dibiten Poly/4 & Poly/4.5, Two Ply Specification

Specification R456-2 Specification R456-2 FR

Surface Types:

Existing Gravel Roofs

Insulation or Recovery Board:

Rigid insulation or recovery board, minimum 1/2" thick, must be installed over existing gravel surfaced roofs. If Johns Manville DuraBoard is used, the Dibiten membrane may be installed directly to the insulation. All other insulations require a fiber glass base sheet to be installed on top of the insulation before Dibiten products are used. Expanded polystyrene may not be used unless it is sandwiched between two layers of perlite board.

Base Sheet:

U.L. approved type G-2 fiber glass base sheet (25 lbs. per 100 square feet or heavier), mechanically fastened.

Dibiten Poly/4, Poly/5:

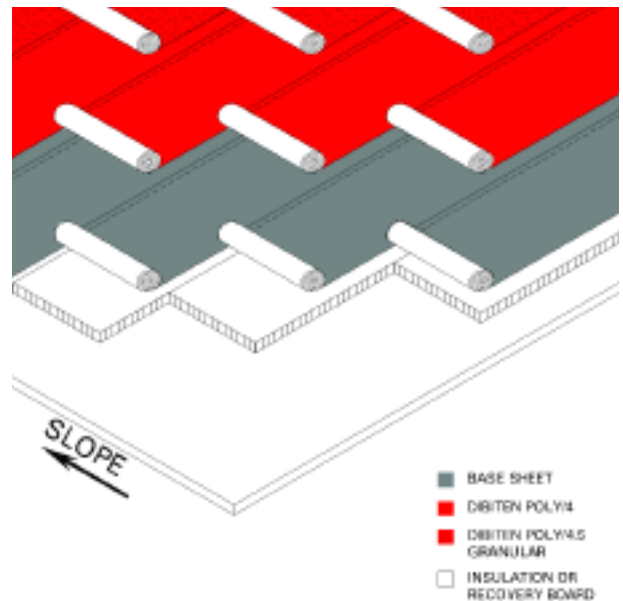
Smooth surfaced modified bitumen membrane, heat weld applied only.

Dibiten Poly/4.5 Granular:

Granular (slate flake) surfaced modified bitumen membrane, heat weld applied only.

Insulation Application:

1. Install insulation units with long joints continuous. End joints should be staggered so that they are offset at least 12" from the end joints in adjacent rows. The units of insulation should fit snugly to adjoining units.
2. If Johns Manville DuraBoard insulation is utilized by itself or as the top layer of a multilayer insulation system, Dibiten smooth or granulated products may be heat welded directly to the DuraBoard
3. Insulation may be mechanically attached to metal, gypsum, cementitious wood fiber or structural concrete decks. Insulation may be adhered with an appropriate cold adhesive to structural concrete, cementitious wood fiber and pre-cast concrete.
4. Other roof insulation products can be used without DuraBoard if it is possible to mechanically attach a fiber glass base sheet through the insulation into the deck (metal, structural concrete, gypsum, cementitious wood fiber).



5. Where required, mechanically fasten a 19 3/4" (502 mm) wide piece of base ply through the insulation. The remaining base plies are to be applied full width with 3" (76 mm) side and 4" (102 mm) end laps over the preceding sheets. Fasten the laps at 9" (229 mm) centers, and down the longitudinal center of each felt ply. Place two rows of fasteners, with the rows spaced approximately 11" (279 mm) apart, and fasteners staggered on approximately 1/8" (457 mm) centers. Use fasteners appropriate to the insulation and deck.

Roofing Application:

1. Prepare surface to be roofed as described in Section 2.4, *Reroofing*, of this manual. Existing gravel must be removed.
2. Starting at the low edge of the roof, heat weld a 19 3/4" (502 mm) wide piece of Dibiten Poly/4 or Poly/5. The remaining sheets are to be applied full width, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets.
3. Starting at the low point of the roof heat, weld a full width piece of Dibiten Granular or Dibiten FR so that it is firmly and uniformly set. Subsequent sheets are to be applied in the same manner, with 4" (102 mm) side and 6" (152 mm) end laps over the preceding sheets. All laps must be rolled with a 3" (76 mm) rounded edge roller. A 1/8" to 3/8" (3 mm to 10 mm) bleedout of compound shall be visible at the edge of all seams. All laps must be checked for good adhesion. Preparation of the 6" (152 mm) end lap requires scuffing away all loose granules. Heat and embed all remaining granules. Apply heat to the roll being seamed while making sure both have a good compound flow to adhere the two surfaces. End laps must be checked for proper adhesion.