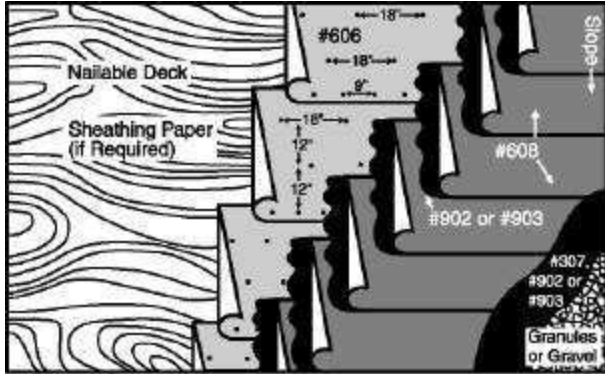
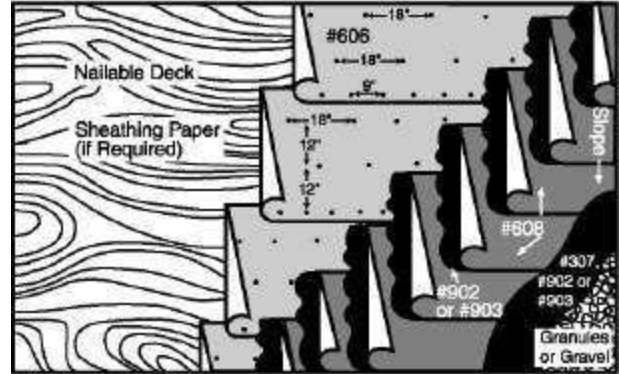


3-PLY



4-PLY



GUIDE SPEC H3-NMC-GV(GN)

GUIDE SPEC H4-NMC-GV(GN)

DESCRIPTION

- ❖ ❖ Cold applied modified built-up roof. Consists of mechanically attached #606 Mineral Surface Underlayment and 2 or 3 plies of Henry #608 Ply Sheets. Interplies adhered with #902 or #903 cold adhesive. Granule (GN) surfacing is embedded in #307 Fibered Asphalt Emulsion or #100 Elastomulsion or #902 or #903 cold adhesive cement. Gravel (GV) can be embedded in #902 or #903. Specification is suitable over nailable deck without insulation.
- ❖ ❖ Roof warranties available. Consult with Henry Representative for requirements in your area.
- ❖ ❖ Complies with U.L. Class A up to 3 in 12 slope (U)

INSERT PART 1 GENERAL as part of this specification

PART 2 PRODUCTS

- 2.01 ACCEPTABLE MANUFACTURERS
 - A. Materials manufactured or supplied by Henry Company, 2911 Slauson Ave., Huntington Park, CA 90255. (323) 583-5000 or (800) 486-1278.
- 2.02 PRODUCT DELIVERY
 - A. Bulk delivery material shall be accompanied by a Henry Company bill of lading.
- 2.03 MATERIALS
 - A. Sheathing paper (wood decks only) -1 ply
 - B. BASE PLY
 - 1. #606 Modified Underlayment, inverted
 - C. INTERPLY 2, 3 or 4 layers
 - 1. #608 30# Modified Fiberglass Ply Sheet
 - D. INTERPLY ADHESIVE 2 gallons per 100 ft.²/ply
 - 1. #902 Permanent Bond Adhesive (Western U.S.) or
 - 2. #903 High Solids Adhesive (Eastern U.S.) or
 - E. SURFACING
 - 1. #307 Fibered Emulsion w/Granules or
 - 2. #100- Elastomulsion w/Granules or
 - 3. #902 Permanent Bond Adhesive w/Gravel or Granules or
 - 4. #903 High Solids Adhesive w/Gravel or Granules

- 5. Gravel ASTM D1863 or
- 6. Granules #11

- F. REFLECTIVE SURFACING FOR BASE FLASHINGS - 1½ gallons per 100 ft.²
 - 1. #229 Aluminum Emulsion or
 - 2. #869 Elastomeric Aluminum Coating- or
 - 3. #220 Fibered Aluminum Roof Coating
- G. MISCELLANEOUS PRODUCTS
 - 1. Primer
 - a. #104 Asphalt Primer or
 - b. #103 VOC Compliant Primer
 - 2. #906 Plastic Cement
 - 3. #209 ElastoMastic
 - 4. ModifiedPlus NP180s/s SBS modified base flashing.
 - 5. Ruftac 75 mil - SBS modified self-adhesive membrane
 - 6. Reinforcing Glass Yellow
 - 7. Walk pads
 - 8. Approved mechanical fasteners

PART 3 APPLICATION

3.01 GENERAL

- A. Henry Company's General Requirements and Product Data are a part of this specification.
 - B. (Include if reroofing) Do not remove any more roofing than can be replaced the same day.
- 3.02 EXAMINATION
- A. Inspect deck and advise Owner's Representative of any corrections required before proceeding with roofing.
- 3.03 PREPARATION
- A. Sweep or vacuum all surfaces prior to commencement of roofing. Allow surface to dry before proceeding.
 - B. Cut base and ply sheets into appropriate lengths. Allow to flatten before application.
- 3.04 MEMBRANE APPLICATION
- A. (Wood decks only.) Over roof deck install one layer of rosin sheathing paper. Lap each sheet 2" and nail sufficiently to hold in place.
 - B. BASE PLY Apply #606 base granule side down with 2" side laps and 4" end laps. Apply the first sheet of base with a 12" width and the remaining sheets full width. Nail base sheet at side laps 9" on center and 18" o.c., staggered in two rows 12" from each edge.
 - C. INTERPLIES (Select 1)
 1. TO COMPLETE 3-PLY ASSEMBLY: Over the base sheet, apply two #608 interply sheets set in a uniform application of [#902] or [#903] cold applied cement at a rate of 2 gallons per 100 sq.ft. Apply the first sheet with an 18" width then over that a full width piece. Install the remaining sheets full width overlapping preceding sheet 19" On slopes greater than 1½" 12" backnail interply sheets 2" from top edge, 12" on center. On slopes over 3" in 12" install interplies parallel to slope blindnailing 4" end laps only, 6" on center.
 2. TO COMPLETE 4-PLY ASSEMBLY: Over the underlayment, apply three #608 interply sheets set in a uniform application of [#902] or [#903] cold applied cement at a rate of 2 gallons per 100 sq.ft. Starting at the low point, apply a 12" wide piece, then over that, one 24" wide, then over both, a full width piece. Install the remaining sheets full width overlapping preceding sheet 24-2/3"
 - D. Before the end of each day, roll the membrane with a 75 lb. minimum weighted roller. Provide waterstops and seal all terminations.
- 3.07 FLASHINGS
- A. Install Flashing Specifications Numbers #180.
- 3.08 SURFACING
- A. After adhesive has thoroughly cured (no solvent odor is evident and laps cannot be pulled apart), sweep or pressure blow dust and debris from the roof surface to provide a clean surface. Hose and/or scrub off with water any residue accumulation.
 - B. Protect adjacent walls not scheduled for surfacing and reflective coating. Protect equipment, roof top units, etc. from overspray.
- 3.09 EMBEDDING COAT & GRANULES
- A. EMULSION: Apply a uniform coating of [#307] or [#100] at 5 gallons per 100 ft.² Coat base flashing, parapet walls
 - B. ALTERNATE: COLD ADHESIVE & GRANULES Apply a uniform coat of [#902] or [#903] cold adhesive at a rate of 4 gallons per 100 ft.².
 - C. Immediately embed granules at a rate of 60-100 pounds per square Granules must be installed so that there is complete coverage across the entire surface.
- 3.09 ALTERNATE: COLD-AP CEMENT & GRAVEL
- A. Apply a uniform coat of [#902] or [#903] cold applied adhesive at a rate of 6 gallons per 100 ft.²
 - B. Immediately embed clean and dry gravel at a rate of 400 pounds per square. Gravel must be installed so that there is complete coverage across the entire surface and at least 50% of the gravel is solidly adhered.
- 3.10 REFLECTIVE COATING FOR BASE FLASHINGS
- A. As soon as flashing surfacing has cured, clean the surface of dust and debris.
 - B. SELECT ONE: Apply [#229 Aluminum Emulsion] or [#869 Elastomeric Aluminum Coating] or [#220 Fibered Aluminum Coating] at a rate not less than 1½ gallons /100 ft.² in one coat.