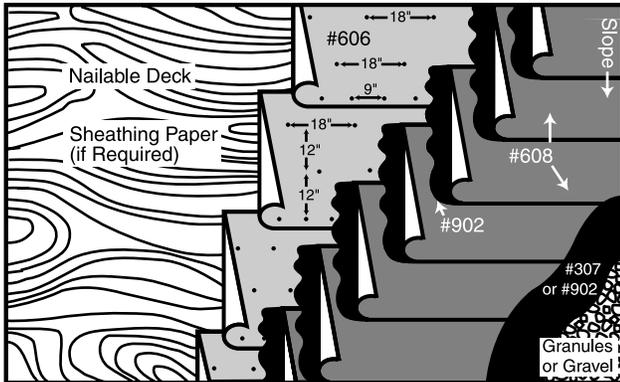
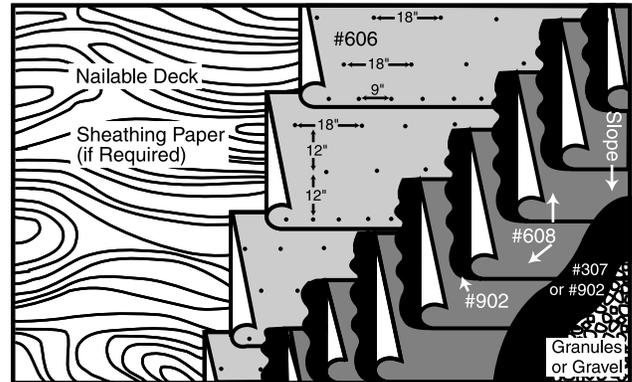


3-PLY



GUIDE SPEC H3-NMC-GV(GN)

4-PLY



GUIDE SPEC H4-NMC-GV(GN)

DESCRIPTION

- ◆ Consists of mechanically attached #606 Modified Underlayment and 2 or 3 plies of #608 Modified Fiberglass Ply Sheets Sheet adhered with Cold Adhesive and Gravel(GV) or Granule(GN) surfacing embedded in Fibered Asphalt Emulsion or Cold Adhesive. Specification suitable for nailable deck without insulation.
- ◆ Cold application
- ◆ Roof warranties available. Consult with Henry Representative for requirements

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.
- 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 or 3 layers
2. **#608 30# Modified Fiberglass Ply Sheets**
- D. INTERPLY ADHESIVE – 1½ - 2 gallons/ square/ ply (.4-.6l/m²) (Select 1)
1. **#902 Permanent Bond Adhesive**
2. **#903 High Solids Adhesive**
- E. SURFACING (Select 1)
1. **#307 Fibered Asphalt Emulsion with Gravel**
2. **#902 Permanent Bond Adhesive or #903 High Solids Adhesive with #11 Granules**
- E. REFLECTIVE SURFACING BASE FLASHING(Select 1)
1. **#229 Aluminum Emulsion- 1½ gallons/ square (.6l/m²)**
2. **#220 Fibered Aluminum - 1½ gallons/square (.6l/m²)**

F. MISCELLANEOUS PRODUCTS

1. Primer (Select 1)
 - a. #104 Asphalt Primer
 - b. #103 VOC Compliant Primer (S. CA.)
2. #504 Plastic Cement
3. #600 Ruftac – 75 mil - SBS modified self-adhesive membrane
4. #183 Reinforcing Glass – Yellow
5. Walk pads
6. 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" (51mm) and nail sufficiently to hold in place.
- B. BASE PLY Apply #606 underlayment with 2" (51mm) side laps and 4" (102mm) end laps. Apply the first sheet of underlayment with a 12" (305mm) width and the remaining sheets full width. Nail underlayment at side laps 9" (229mm) on center and 18" (457mm) on center, staggered in two rows 12" (305mm) from each edge.
- C. INTERPLIES (SELECT 1)
 - 1. TO COMPLETE 3-PLY ASSEMBLY: Over the underlayment, apply 2 #608 interply sheets set in a uniform application of (INSERT SELECTED PRODUCT #) cold applied cement at a rate of 1-1/2 to 2 gallons per 100 sq.ft. (.4-.6l/m²) Apply the first sheet with an 18" (457mm) width then over that a full width piece. Install the remaining sheets full width overlapping preceding sheet 19" (482mm). On slopes greater than 1½":12" (125mm/m), backnail interply sheets 2" (51mm) from top edge, 12" (305mm) on center. On slopes over 3" in 12" (250mm/m), install interplies parallel to slope blindnailing 4" (102mm) end laps only, 6" (152mm) on center.
 - 2. TO COMPLETE 4-PLY ASSEMBLY: Over the underlayment, apply #608 interply sheets set in a uniform application of (INSERT SELECTED PRODUCT #) cold applied cement at a rate of 1-1/2 to 2 gallons per 100 sq.ft. (.4-.6l/m²) Starting at the low point, apply a 12" (457mm) wide piece, then over that, one 24" (610mm) wide, then over both, a full width piece. Install the remaining sheets full width overlapping preceding sheet 24-2/3" (699mm).
- D. TERMINATIONS Extend all plies to top of cant strip. At perimeters receiving a metal edge or gravel stop, extend one ply over outside edge to extend at least one inch beyond face of wood blocking.
- E. Before the end of each day, roll the membrane with a 75 lb. (34kg) (minimum) weighted roller. Provide waterstops and seal all terminations.

3.05 FLASHINGS

- A. Install Flashing Specifications Numbers _____, _____, _____.

3.06 EMULSION EMBEDDING COAT & GRAVEL

- 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 emulsion and reflective coating. Protect equipment, roof top units, etc. from overspray.
- C. Apply a uniform coating of #307 Fibered Asphalt Emulsion at a rate of not less than 6 gallons per 100 sq. ft. (2.4l/m²)
- D. Base flashing, parapet walls, vents, ducts, and designated roof equipment shall also be coated with emulsion.
- E. Into the wet emulsion, embed an acceptable gravel at a rate of 400 pounds per square (19.4kg/m²). Gravel must be installed so that there is complete coverage across the entire surface and at least 50% of the gravel is solidly adhered.

3.07 ALTERNATE: COLD-AP CEMENT & GRANULES

- 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 emulsion and reflective coating. Protect equipment, roof top units, etc. from overspray.
- C. Apply a uniform coating of (INSERT SELECTED PRODUCT #) at a rate of not less than 4 gallons per 100 sq. ft. (1.6l/m²).
- D. Follow same procedure to coat base flashings and parapet walls.
- E. Immediately embed granules at a rate of 60-100 pounds per square (2.9-4.8kg/m²). Granules must be installed so that there is complete coverage across the entire surface.

3.08. REFLECTIVE COATING

- A. As soon as flashing surfacing has cured, clean the surface of dust and debris.
- B. Apply (INSERT SELECTED PRODUCT #) Aluminum Coating at the rate of 1½ gallons per 100 square feet (.6l/m²) in one coat.