

Roof Replacement
At the Kent County Fire Marshal Office Building
1537 Chestnut Grove Road
Dover, Delaware

ADDENDUM #2
March 28, 2017

OMB/DFM Contract No. MJ1002000026

Project Manual:

1. Section 075216 – SBS Modified Bituminous Membrane Roofing (Cold Applied)
Paragraph 2.3, B., Page 075216-4:
Roofing adhesive for cold applied application shall be 'Standard Cold Applied Adhesive', not odorless.

2. Section 075216 - SBS Modified Bituminous Membrane Roofing (Cold Applied)
Paragraph 2.1, A.1., Page 075216-3:
Add the following manufacturer to the list of acceptable manufacturers:
 - e. GAF
The accepted GAF roofing system submitted for approval and reviewed is set forth on the attached roof assembly sheet.

3. Section 086300 – Metal Framed Skylights
Paragraph 2.1, E., Page 086300-2:
 1. Large Missile Test: For glazed openings located within thirty (30) feet of grade, is correct and applicable for the new skylights.

Drawings:

4. Drawing A101 – Roof Plan and Details
 - a. 'Tapered Insulation Note' calls for the roofing system manufacturer to submit a detailed tapered insulation plan including typical slope, cricket slope, and roof drain sumps.

The plan shall also indicate the overall average 'R' value of the tapered insulation, based upon the isocyanurate insulation thickness tapering from a thickness of ½' minimum at roof drains to a maximum of 5.5" thickness at the roof ridge line,

assuming an R-value of 5.7 to 5.9 per inch for multiple insulation applications. (Not including ½" cover board and the 2-ply SBS roof system.)

The Kent County applicable 'International Energy Conservation Code' is the 2012 IECC which indicates the acceptable R-value for continuous roof insulation as R-25.

5. Drawing A101 – Roof Plan and Details

- a Notes: Note # 1 calls for lightning arrestor system to be removed to facilitate new work, re-installed and re-certified, providing new cable and mounting accessories as may be required. Mounting plates may be existing reused or may be new of like kind.

The preferred method of attachment to be 'Adhesive adhered' to new substrates to minimize the use of penetrating type fasteners.

- b. Notes: Note # 11 calls for "2" air terminals" ...
Note should read "two (2) air terminals" ... (Not 2 inches)

******END of ADDENDUM #2 ******



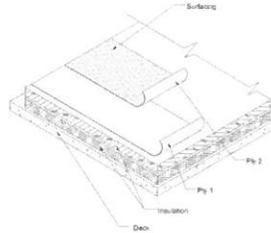
Quality You Can Trust Since 1886...From North America's
Largest Roofing Manufacturer



GSL-42512

The Kent County Fire Marshal Office
1761 Chestnut Grove Road
Dover, DE

3/22/17



SPECIFICATION: I022030FRCA

COMPONENT	TYPE	REQUIRED	ATTACHMENT	RATE OF APPLICATION
DECK	Steel	Min. 22 gauge	Per Code	
INSULATION	EnergyGuard™ PolyIso Roof Insulation ASTM C-1289	One or more layers *thickness to be determined	Loose Laid	Per GAF® requirements
INSULATION	EnergyGuard™ Tapered PolyIso Roof Insulation ASTM C-1289	1/8" Tapered	Loose Laid	Per GAF® requirements
ROOF BOARD	½" Securock® Gypsum-Fiber Roof Board ASTM C-1278	One (1) layer	Simultaneously fastened with Drill-Tec™ #12 Standard Fasteners & 3" Plates	Per GAF® requirements
INTERPLY SHEET	RUBEROID® 20 Smooth ASTM D-6163	One (1) ply	Matrix™ 102 SBS Membrane Adhesive	1.5 –2.0 gallons per 100 sq. ft.
SURFACE MEMBRANE	RUBEROID® 30 Granule FR ASTM D-6163	One (1) ply	Matrix™ 102 SBS Membrane Adhesive *seams are hot air welded	1.5 –2.0 gallons per 100 sq. ft.
FLASHING MEMBRANE 2X20M	RUBEROID® 20 Smooth ASTM D-6163	One (1) ply	Matrix™ 201 Premium SBS Flashing Cement	8 gallons per 100 sq. ft.
	RUBEROID® Mop Plus Granule FR ASTM D-6164	One (1) ply	Matrix™ 201 Premium SBS Flashing Cement	8 gallons per 100 sq. ft.
GUARANTEE	Ruberoid®/GAFGLAS® Diamond Pledge™ NDL Roof Guarantee	Twenty (20) years		GUARANTEE FEE IS APPLICABLE

All GAF®, MWeld®, Matrix™, MajorSeal™ and Metalastic® accessories shall be used where applicable.
This roof system shall be installed by a GAF® Master or Master Select™ Contractor.

*EnergyGuard ¼" Tapered PolyIso Roof Insulation for crickets only where required.

Precautions:

Certain Matrix Adhesives, Flashing Cements and Coatings are solvent based and do have an odor. These products will exhibit solvent odor during application and afterwards until fully cured and set up. Cure times can vary widely according to factors such as type of system installed, local weather and ambient temperatures. Precautions must be taken by the roofing contractor and project designer to minimize solvent odor penetration into occupied building spaces.

Air intakes near the roof should be closed. Ductwork, equipment curbs, parapet walls, HVAC equipment and other deck penetrations or openings should be checked for entry sources and addressed to prevent possible odor infiltration. On wood decks, a minimum 6-mil thick polyethylene sheet is required, installed directly on the deck to minimize potential odors entering the building during the roof installation and during the cure time. Air barriers should be considered for all porous deck types, terminated and sealed to penetrations, walls, curbs, openings and other roof terminations. (Caution: Polyethylene can be slippery. Until a base sheet can be securely nailed or insulation can be mechanically attached, care must be taken when walking on the polyethylene to prevent slipping and falling.) Use of an air barrier may create a vapor retarder condition within the assembly and requires consideration of applicable dew point factors and thermal insulation requirements by the project designer. Ruberoid cold process roof systems should not be used in situations where the underside of the roof deck is used as the top of a plenum of a HVAC system. This type of system is susceptible to solvent odor entry migrating through the deck and into the plenum space until the adhesives are fully cured.

Each roof has unique requirements. This specification is a graphic representation of products and their installation. To properly assess specific roofing needs, code compliance, system configurations and warranty eligibility, contact Contractor Services. Note: Your Area Field Services or Technical Services Managers are the only employees who can approve any deviation from GAF's published specification manual(s). Always review the appropriate Application & Specification Manual (EverGuard or GAF Asphaltic) before commencing this project, as the Manual may contain information that is important for a successful installation.

This Cut Spec specification shall not waive, supersede or alter the requirements and recommendations found in the most current Application & Specification Manual(s) referenced above, printed technical bulletins or specific correspondence drafted for this project by the Area Field Services or Technical Services Manager.