

SECTION 07510

APPLICATION

Vapor Retarder. Refer to Factory Mutual Class 1 construction and Underwriters Laboratories construction when data design requirements require the use of a vapor retarder..

Insulation. Install CertainTeed FlintBoard or Approved FM Class 1 roof insulation with edges parallel to flutes and bearing on top flanges. Lay the insulation in parallel courses, with end joints staggered in adjoining courses. Butt each panel to adjoining panels. Mechanically fasten insulation with FM approved fasteners (refer to current Factory Mutual Approval Guide and insulation or fastener manufacturer for type and number of required fasteners). Refer to FM Loss Prevention Data Sheet 1-29 for special considerations regarding perimeter and corners of the roof. If insulation is being installed in multiple layers, succeeding layers are adhered in a full mopping of approved hot asphalt at a rate of 25 lbs. +/- 15% per 100 square feet. All joints must be staggered and offset from the preceding layer. Apply insulation flush to vertical surfaces and wood nailers.

Application of roofing shall progress with the laying of insulation. Cover all insulation with roofing by close of each day. Taper insulation to drains. Roof systems omitting a vapor retarder require the installation of edge wraps consisting of one ply of base sheet set in asphalt at perimeter edges, vertical surfaces and curbs, extending a minimum of 6" back on to top and bottom surfaces of the insulation.

Base ply of Selected Roof System is adhered in a full mopping of approved asphalt at a rate of 25 lbs./sq. +/-15%, except over urethane, isocyanurate, or styrene type insulation where CertainTeed recommends the use of a suitable cover board prior to the application of the base ply.

Refer to Commercial Roofing Systems General Requirements Sections for definitions. General Requirements shall be used in conjunction with Roof System Specification. Insulation and/or recover specifications require the integration of appropriate addenda into the main specification.

FOR USE OVER STEEL DECKS

2.01 ROOFING SYSTEM

Summary of Additional Materials per 100 Square Feet.

*CertainTeed FlintBoard and/or Approved Roof Insulation (approved for FM Class 1 Constr.)	
Type III Asphalt Full Mopping receive roofing	25 lbs.
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Approximate Total finished Weight (Without Insulation)	25 lbs.

* Contact your local CertainTeed office for approved roof insulations.

NOTE:

1. Omit asphalt primer and spot mopping from Roof System Specification Summary of Materials.
2. CertainTeed approved roof insulation adhesive may be used in lieu of hot asphalt attachment. Consult insulation adhesive manufacturer for application instructions.