

M-C-B5

- 10 YR NDL
- 15 & 20 YR NDL

SEE SELECTION CHART, PAGE VII-3

SECTION 07510

Over Insulation (07240 or the Re-Cover and Insulation Sections). Not suitable for use directly over isocyanurate. Suitable for solid mop attachment over perlite, wood fiber and fiberglass. Tape joints where required.

For Cold Process Application, use CertainTeed approved Cement (11/2 gals...13 lbs) per 100 square feet between plies in lieu of asphalt.

Inclines: Up to 6" in 12" (inclines 1" to 6" in 12" see Nailing Requirements Section). Inclines: Above 3" in 12" use Type IV Asphalt.

Roofing Membrane.

Cut all plies including Cap Sheet into lengths not to exceed 18' and allow to relax. Longer lengths may be used when rolled or machined and broomed into place. The base ply is adhered in a full mopping of approved asphalt, at a rate of 25 lbs./sq. +/- 15% (Spot mopping may be appropriate-See CertainTeed for details). Side laps shall be a minimum of 2". Each interply sheet is adhered in a full mopping of approved asphalt. Interply sheets are installed "shingle fashion", lapping 24-2/3" on sides. One ply of Flintglas® Mineral Surface Cap Sheet is adhered in a full mopping of approved asphalt. Cap Sheet side laps shall be a minimum of 2". All end laps shall be a minimum of 4", (Premium Cap 960 shall have 4" side laps and 6" end laps), and not less than 3' apart, diagonally staggered. All side and end laps of each ply shall be staggered and offset from preceding plies. Back mop all Cap Sheet end and side laps. Roofing system shall be installed in a continuous application.

Base Flashing and Curbs.

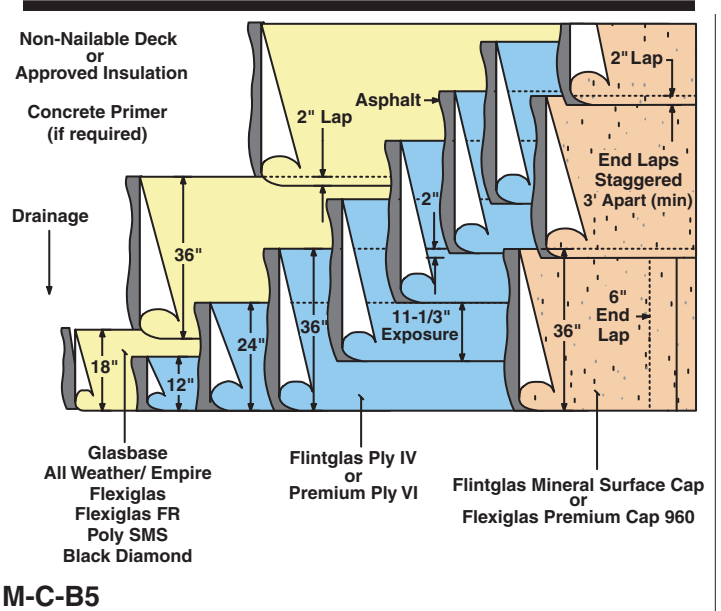
Over the completed membrane at vertical surfaces, install Base Flashing consisting of one ply of Flintlastic® Cap Sheet, set in hot asphalt, modified bitumen adhesive, or torch applied to primed concrete or masonry surfaces. Base flashing shall extend a minimum of 8" up vertical surfaces and 4" out onto field membrane. Wood surfaces shall receive one ply of base sheet extending from top of cant strip to top edge of Base Flashing prior to application of Flintlastic® Cap Sheet. Nail top edge of Base Flashing 9" o.c. through tin-discs. Sealing the top of the base flashing prior to installation of counter-flashing is recommended.

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.

U.L. Class A

- † ONE PLY OF GLASBASE™ BASE SHEET,
- ‡ THREE PLIES OF FLINTGLAS® PLY SHEET
- ONE PLY OF FLINTGLAS® MINERAL SURFACE CAP SHEET OR FLEXIGLAS™ PREMIUM CAP SHEET 960

FOR USE OVER NON-NAILABLE DECKS OR APPROVED INSULATION



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2.01 ROOFING SYSTEM

Summary of Materials per 100 Square Feet.

Asphalt Primer (1/2 gallon)	4 lbs.
†GLASBASE™ Base Sheet (1 ply)	25 lbs.
‡FLINTGLAS® Ply Sheet (3 plies)	24 lbs.
FLINTGLAS® Mineral Surface Cap Sheet (Premium Cap = 100 lbs.)	72 lbs.
Type III Asphalt Moppings (5@25 lbs. ea.)	125 lbs.
Approximate Total Finished Weight	250 lbs.

Asphalt.

Apply asphalt at a temperature between 400°F and 450°F. Shall meet requirements of ASTM D312, Grade and Type determined by incline per foot and climatic conditions.

Cants.

In angles of roof deck and vertical surfaces, the Roofing Contractor shall furnish and install an approved Cant Strip with a minimum 3" face.

NOTE:

†Alternate Approved CertainTeed Base Sheets include: ALL WEATHER/EMPIRE, FLEXIGLAS™, FLEXIGLAS™ FR, or POLY SMS Base Sheet.

‡Alternate Approved CertainTeed Interply Sheets include FLINTGLAS® Premium Ply Sheet.