

SECTION 078220
CONCRETE TILE ROOFING (S-122)

1. PRODUCTS DELIVERY, STORAGE, AND HANDLING

Delivery:

- a. Clearly identify manufacturer, tradename, style and color of palletized material.
- b. Deliver materials in original containers with manufacturer's labels intact and legible.

Storage:

- a. Store cementitious materials in weather-tight spaces; keep free from moisture.
- b. Aggregate - Store in well drained area to minimize change in moisture content; prevent contamination by other materials.
- c. Protection - Cover stored materials with tarpaulin or other suitable covering to prevent soiling or exposure to weather. Fasten coverings to prevent removal by wind.

Handling: Do not stack tiles on roof in quantities exceeding six tiles high on 12 in. (300 mm) centers at every third course on slope.

2. SUBMITTALS

Samples: Submit 2 samples of full size standard tile.

Shop Drawings: Submit shop drawings detailing shop fabricated custom shapes.

3. JOB CONDITIONS

1. Do not set tiles in mortar when the ambient temperature is less than 40E F. (4.4E C) or when such temperature is expected within 24 hours.
2. Do not start setting tiles until other trades have completed work requiring traffic on or across roof surfaces.

4. GUARANTEE

Guarantee materials and workmanship to be free from defects and leaks for a period of 2 years from date of acceptance.

5. CONCRETE ROOFING TILES

1. Monray, Villa Field Type manufactured by Monier Rooftile (trade name).
2. Espana Mission Tile manufactured by Lifetile.
3. Color shall be selected from the manufacturer's standard color samples.
4. Fittings: Furnish all fittings as needed for complete installation in accordance with manufacturer's recommended

and approved samples.

6. FELT UNDERLAYMENT

Coal-tar saturated roofing felt, ASTM D227, 30 lbs. x 36 width.

7. FASTENERS

Underlayment - Fasteners shall be specified for built-up roof.

Tile - Fasteners shall be as recommended by the tile manufacturer.

8. ROOF CEMENT AND SEALANT

Roof cement and sealant shall be as recommended by the tile manufacturer.

9. MORTAR

1. ASTM C270 - Type 0.

2. Color to be selected to match tile color alkali and sun resistant mineral oxide.

10. METAL TRIM AND FLASHING

Metal trim and flashing to be as recommended by manufacturer.

11. WOOD NAILER STRIPS

Pine or Fir, Grade 2, Wolmanized. (Species)

12. LAYING ROOFING TILES

Layout and install tiles in accordance with manufacturer's specifications using closures trim at ridge, hip and coping manufactured for the purpose.

13. Cleaning

1. Remove any mortar or asphalt splatter from adjacent surfaces.

2. Upon completion of work, remove excess materials and broken tiles from the premises.