

the rate of 125 to 150 square feet per gallon. The felt shall be rolled into the paste with a three-section roller, weighing not less than 100 pounds, in order to remove air bubbles and secure complete adhesion.

3.3.5. *Moisture test for new suspended concrete subfloors, or new subfloors on grade which have been membrane waterproofed.* (N) (11)—A relative humidity meter placed on a concrete surface under a polyethylene sheet, sealed at the edges with tape or adhesive, shall be used to evaluate the moisture condition of suspended concrete. The test shall be run for 24 hours. A reading of 80 percent RH or lower will indicate satisfactory dryness. The test shall be repeated at weekly intervals until the RH is 80 percent or lower.

3.3.6. *Moisture test for subfloors on or below grade, to which asphalt or vinyl-asbestos tile is to be applied.*—After subfloors have been properly cleaned, small patches of primer shall be spread in several locations in each room and allowed to dry or "set" overnight. If the "set" primer can be peeled easily from the subfloor, the floor is not sufficiently dry. The test shall be repeated at weekly intervals until the primer adheres properly. When the primer adheres tightly to the subfloor, the tile shall be applied.

3.4. *Application.*—

3.4.1. *Application of floor coverings.*—Floor coverings and accessories shall be applied in accordance with the approved installation procedure. Work shall be performed by workmen thoroughly experienced in the application of such coverings. Adhesives shall be the type specified or the type recommended by manufacturer of the floor coverings for the specific application, subject to approval. Adhesives shall be applied in accordance with the adhesive manufacturers' printed directions, unless specified or directed otherwise. Floor covering shall be applied in the patterns indicated or selected, starting in the center of the room or area, and working from the center toward the edges or borders. Tile lines and joints shall be kept square, symmetrical, tight, and even; and each floor shall be in a true, level plane, except where indicated as sloped. Border width shall vary as necessary to maintain full-size tiles in the field, but no border tile shall be less than one-half the field tile size. Floor covering shall be cut to, and fitted around, all permanent fixtures, built-in furniture and cabinets, pipes, and outlets. Borders shall be cut, fitted and scribed to walls and partitions after field covering has been applied. A small section of the floor covering under each leg of floor type radiators shall be cut out, and a corrosion-resistant metal washer or shim, of the same thickness as the floor covering, shall be inserted in the cut. (12) Metal edging shall be provided where floor covering terminates at points higher than the contiguous finished flooring, except at doorways where thresholds are provided. The strips shall be anchored to concrete floors with countersunk screws into metal or fiber expansion sleeves.

3.4.2. *Application of asphalt tile and vinyl-asbestos tile.*—Concrete subfloors on or below grade shall be primed with a cutback-type primer worked into the surface of the concrete, using the minimum quantity that will cover the surface completely with a nonabsorptive base. Primer shall be allowed to become thoroughly dry before adhesive is applied. Cutback adhesive shall be applied to primed concrete subfloors, and cutback or emulsion-type adhesive shall be applied to suspended concrete subfloors and felt-covered wood subfloors. Tile shall be carefully laid in the selected pattern, and fitted so that each tile is in contact with the adjoining tiles, and all joints are tight and in alignment.

3.4.3. *Application of vinyl plastic rubber tile.*—Vinyl plastic rubber tile shall be laid in adhesive applied to concrete subfloors or felt-covered wood subfloors. Tile shall be carefully laid in the selected pattern, and fitted so that each tile is in contact with the adjoining tiles and all joints are tight and in alignment. Immediately after tile has been laid, floor shall be thoroughly rolled with a three-section roller weighing not less than 100 pounds, and high points shall be sandbagged until all danger of loosening has passed.

3.4.4. *Application of linoleum vinyl plastic roll flooring.*—Linoleum vinyl plastic roll flooring shall be laid in adhesive over suspended concrete subfloors or felt-covered wood subfloors. Roll flooring shall be fitted to the room by approved methods, including hand cutting, straight scribing, or pattern scribing, as necessary to suit job conditions. After flooring is properly fitted, one-half of a sheet at a time shall be rolled back and adhesive spread on the subfloor. Flooring shall be embedded in the spread adhesive, and rolled with a three-section roller weighing not less than 100 pounds, starting in the middle of the sheet and rolling outward to expel any trapped air, and to thoroughly embed the flooring in the adhesive. Seams shall be cut by overlapping or underscribing, as recommended by the manufacturer. (13) Seams and edges in ——— shall be