



Specifications for Flex Ply Rubber Paver Roof Protection Systems

Part 1: General

1.01 1.01 Description

- A. A. The work specified in this section consists of the installation of Flex Ply Rubber Pavers in accordance with these specifications, and in conformity with dimensions and notes shown in the plans.

Part 2: Products

2.01 2.01 Materials

- A. A. Flex Ply Rubber Pavers as manufactured for AmStar Rubber Products; 1-888-210-6483.
- B. B. Physical Specification: Flex Ply Rubber Paver configurations consist of high density, water permeable wear surface; tapered conical support legs and a surface expansion joint, and perimeter adhesion (2 3/8" thickness) in order to maximize shock attenuation, walk ability, ease of installation, and water drainage.
- C. C. Component Specification: Flex Ply Rubber Paver is a factory-molded surface composed of high quality rubber granules bound with wear and weather resistance polyurethane. The polyurethane binder is composed of MDI (diphenylmethanediisocyanate) isocyanate and polyether (polypropyleneglycol) polyols. TDI (toluene diisocyanate) isocyanate or catalysts based on lead or mercury are not utilized. Rubber granules are blends of ground rubber particulates specially blended to enhance tile strength, durability and energy absorption characteristics. All coloring pigments are inorganic oxides. Pigments based on cadmium are not utilized.
- D. D. Product Data: Flex Ply Rubber Pavers are manufactured to the following minimum standards:

	2 3/8" Thickness
Dimensions (78 °F)	24" x 24" +/- 1/8"
Wear Surface Density	50 lbs/cu.ft. min.
Coefficient of Thermal Expansion	1.10×10^{-3} in./ft./ °F
Void Volume	42% min
Water Permeation Rate	0.045 cm/scc

Part 3: Execution

3.01 Installation

A. Flex Ply Rubber Paver shock-absorbing resilient tile may be installed outdoors over existing asphalt or concrete surfaces or over existing EPDM, PVC single-ply membranes. For complete design and installation information, please contact AmStar Rubber Products at: **888-210-6483**.