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ARCHITECTURAL PRODUCTS DIVISION

Wall Protection Systems
Entrance Mats And Gratings
Athletic Flooring Systems
Industrial Impact Protection Systems
Parking And Traffic Safety Products

Pro-Tek® Earth Wall Protection

Description

Pawling Corporation's Pro-Tek® Earth wall protection is made of high density polyethylene (HDPE), UV-inhibited pigment systems, foaming compounds, and selected process additives. The HDPE raw material is derived from post-consumer bottle waste, such as milk and detergent bottles. This material is cleaned in a decontamination process to a high purity level, which removes contaminants such as food residue, paper, and adhesives. It is then compounded and extruded into a rigid board stock material; with the resulting finished product containing a minimum 90% recycled plastic by weight. Because Pro-Tek® Earth products are made with a single, purified polymer, they are manufactured to exacting, reproducible specifications. They have exceptional resistance to corrosive substances, oil and fuels, insects, fungi, salt spray, and other environmental stresses. They do not absorb moisture, therefore they will not rot, splinter or crack. Pro-Tek® Earth wall protection is manufactured in many sizes and profiles, including many dimensional lumber sizes. HDPE products have excellent weathering resistance, however, as with other polyolefin, it is possible that the material will fade slightly over the service life of the product, particularly in exterior applications. These products require no waterproofing, painting, staining or similar maintenance when used in interior or exterior applications.

Basic Uses

Pawling Corporation's Pro-Tek® Earth products are used in many interior and exterior applications in which damage to walls and structures from various types of equipment and people is a consistent threat. They are often the products of choice in applications where heavy-duty impact resistance and low maintenance are required. They are also used in many conventional wood lumber applications where weather resistance and low maintenance is at a premium. Used in commercial, institutional, industrial and governmental applications, Pro-Tek® Earth products are well suited, cost effective solutions for interior and exterior shipping and receiving areas, service corridors, storage areas, maintenance departments and "back-of-the-house" applications, as well as parking garages, warehouses and factories.

Sizes and Profiles

Pawling Corporation's Pro-Tek® Earth wall protection products are manufactured in a standard 12'0". Standard wall guard profiles include the following:

Product Code	Description	Dimension (thickness x height x length)
PEW-14	Wall Guard	3/4" x 3-1/2" x 12'
PEW-16	Wall Guard	3/4" x 5-1/2" x 12'
PEW-18	Wall Guard	3/4" x 7-1/2" x 12'
PEW-110	Wall Guard	3/4" x 9-1/2" x 12'
PEW-113	Wall Guard	3/4" x 12-1/2" x 12'
PEW-118	Wall Guard	3/4" x 18" x 12'
PEW-24	Wall Guard	1-1/2" x 3-1/2" x 12'
PEW-26	Wall Guard	1-1/2" x 5-1/2" x 12'
PEW-28	Wall Guard	1-1/2" x 7-1/2" x 12'
PEW-210	Wall Guard	1-1/2" x 9-1/2" x 12'
PEW-212	Wall Guard	1-1/2" x 11-1/2" x 12'

Additional non-standard sizes and profiles, as well as custom profiles to fit your specific application are available, but will be subject to appropriate minimum order quantities, set-up charges, and tooling charges as required.

Additional Information

Pawling Corporation Pro-Tek® Earth products are impervious to paint and most adhesives: therefore, these materials are not recommended for use. Pro-Tek® Earth products have been tested by Underwriters Laboratories. The material has a melt temperature of approximately 270°F and a flash point of approximately 620°F. It has a higher flash point than wood, and it must be exposed to a severe combustion source for a long enough period, it will burn. Should a flash occur, extinguishing media should be dry chemical, foam, carbon dioxide, or water spray; water should be applied from a fogging nozzle. Pro-Tek® Earth products have been tested under repeated hydrothermal conditions (freezing, thawing, and wet conditions) as established by the ASTM, and are proven to maintain their mechanical properties. Pro-Tek® Earth products comply with the code requirements as outlined in ICC Legacy Evaluation Report 97-63.1