

DESCRIPTION

Polywater PedFloor Plus creates a hard foam ground barrier that improves service reliability by keeping pests from burrowing into enclosures. Polywater PedFloor Plus open-cell foam thoroughly adheres to various pedestal and conduit materials to make a durable seal, yet allows unwanted water to drain, protecting equipment from corrosion.

PRODUCT BENEFITS

- Prevents** – Keeps rodents, snakes, insects, and water from entering the bottom of pedestals or cabinets.
- Protects** – Allows water to drain out and protects equipment from moisture damage.
- Easy to Use** – The fast-reacting mixture can be applied on top of any surface.
- Thorough Seal** – Expands and seals around complex shapes. Creates a fire-resistant barrier.
- Re-Enterable** – Allows for the installation of new ducts or cables after being installed.

PERFORMANCE PROPERTIES

PROPERTY	PERFORMANCE
Appearance	Light yellow foam
Installation temperature	40°F to 120°F (4°C to 50°C)
In-service temperature	-40°F to 250°F (-40°C to 120°C)
Rise time at 68° F (20°C)	7 minutes
Density	3.8 lb/ft³ (61 kg/m³)
Compressive strength (ASTM 1621)	8.6 psi (0.06 N/mm²)

EASY APPLICATION

PedFloor Plus is easy to install. It comes in a burst seal bag that needs to be burst, mixed by hand, and poured in the pedestal. The foam can be installed on top of any surface and will expand to fill around conduits and into gaps to create a complete seal.

FLAMMABILITY

PedFloor Plus was tested using the ASTM D635 Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position. To be classified as HBF the burn rate of the cured foams must be less than 40 mm/min over the 100 mm span tested or the specimen must cease to burn before the flaming or glowing reaches 100 mm.

PROPERTY	PERFORMANCE
Length burned (out of 100 mm)	Does not ignite
Burn rate	N/A
Pass/Fail	Pass

WATER FLOW

Three 4-inch conduits were dammed on one end and filled with two inches of pea gravel. Then the appropriate amount of foam was mixed and deployed on top of the pea gravel. 5 inches of water were poured on top of the foam and the flow rate of the water was measured.

PEDFLOOR PLUS	WATER FLOW RATE
3-inch-thick seal	9 inches/hour

COVERAGE

The 410 mL burst pack will seal a standard BD5 pedestal.

PEDFLOOR PLUS	SEAL COVERAGE
410 mL Burst Pack	100 in ² (650 cm ²) at 3 in (7.6 cm) thick

SAFETY

PedFloor Plus has a low level of toxicity. Good industrial hygiene practice and appropriate precautions should be employed during use. Avoid personal contact with the product. See SDS for specific details.

STORAGE AND HANDLING

Keep burst pack at room temperature. Once mixed and reacted, the empty burst pack is non-hazardous and can be disposed of using normal waste disposal methods. Unopened product has a shelf life of 18 months.

ENVIRONMENTAL RESISTANCE

PedFloor Plus withstands the rigors of the environment.

In-service Temperature Use Range

-20°F to 200°F (-30°C to 95°C) Continuous
-40°F to 250°F (-40°C to 120°C) Peak

PedFloor Plus withstands direct sunlight with no decrease in functionality. Surfaces exposed to UV will discolor and yellow. The cured product retains its semi rigidness and continues to act as a barrier. Discoloration will not harm the performance of the material.

PedFloor Plus will adhere to itself if future application is necessary. PedFloor Plus is easy to drill out to install new cables or conduits. However, when applied over irregular surfaces that PedFloor Plus will penetrate it is advisable to add a conduit or some type of spacer before application of the foam. This will allow the installation of new cables or conduits without drilling; simply remove the conduit and reseal with PedFloor Plus or Polywater FST.

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IMPORTANT NOTICE: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

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