

# Pro-Tek®

## Recessed & Surface Frame Systems for Gratings, Mats and Carpets

PATENT No. 3,148,962

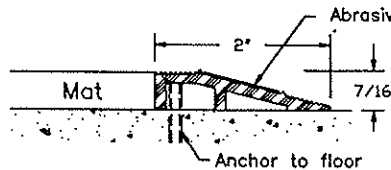
**Installation:** The Frames are assembled on the job site; anchored onto or within a cement base with Anchor Pins with Corner Pins at all corners.

### Style BSF-225 "Ramped"

#### Aluminum Surface Frame.

Use with any 3/8" — 1/2" mat or carpet.

This style provides a "ramped" recess on top of existing floor, to prevent movement on ramps..



#### Material:

- Mill Finish (BSFA-225)
- **Length:** 12'6"
- **Weight:** 1 Lb./Ft.

## Pro-Tek® Recessed / Surface Mat Frame Suggested Specification Section 12690 or 05532

### PART 1 — General

1. Entrance mat frame(s) shall be the Pro-Tek® Mat Frame(s) Style BSF-225 as manufactured by Pawling Corporation, Wassaic, NY 12592.

### PART 2 Material

1. Frames shall be constructed of aluminum which has been extruded from #6063 alloy with T5 temper per ASTM B-221-83, or may be mill finished, clear or bronze anodized; solid brass #385 alloy available in medium Architectural Bronze.

### PART 3 Installation and Assembly

1. General Contractor shall furnish, deliver, assemble and install Pro-Tek® Mat Frame(s) at all entrances as indicated by the architect.
2. Assemble the mat frame with the proper edge positioned for contact with the various floor covering surfaces as are called for in the room schedule.
3. Install frame in such a manner that the proper surface will be level with the finish floor area and protected from damage during construction. A cement base of 1/2" below floor level, or greater, as dictated by the frame styles, shall be screeded into the interior frame area using the edge step provided by the frame as a guide.

#### Installation Instructions for Monolithic Poured Floors:

- A. All corners of the mat frame are accurately mitred. It is not necessary to pound the frame or flute the corner pins to have a tight corner.
  - B. Insert anchor keys into each section of the frame.
  - C. Insert the corner pins into the mitred ends of the frame and complete the assembly of the frame.
  - D. In setting the frame, use screed shelves on the frame for accurate trowelling to the required sub-floor levels.
  - E. After the cement has set, fill the frame recess with 1/2" plywood (or boards) to protect frame from bowing until concrete is cured and Pro-Tek® mats are installed.
4. Pro-Tek® mats shall be pre-fitted to the frame per the approved shop drawings and shipped to arrive prior to opening of building, as directed by the General Contractor.

#### The following is suggested in setting Pro-Tek® frames on a hard surface in preparation for "monolithic pour:"

- Small batches of concrete shall be placed under each corner of the frame and then squared and leveled. Six hours later entire floor shall be poured around frame after filling inside area first.

#### The following is suggested in setting Pro-Tek® frames on a soil base in preparation for "monolithic pour:"

- The above technique as detailed, or the underside of each corner of the frame may be tapped and rods inserted. After this is completed, the attached rods are forced into the ground until the proper depth, level and square are achieved.

**NOTE:** If the frames are altered in any way the factory must be notified prior to fabrication of the mats. Field checked dimensions shall be provided to the factory prior to fabrication.



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