

## Iso-Step<sup>®</sup> Perimeter Isolation Strip



### DESCRIPTION

Our Iso-Step<sup>®</sup> Perimeter Isolation Strip is used with Iso-Step<sup>®</sup> Floor Underlayment to break the path of vibration transmission between the floor and the wall. The product is extremely flexible, lightweight, easy to install and handle. The material is sold by the roll, 2.5" wide x 50' in length and 6 mm thick. The Perimeter Isolation Strip is packaged on a roll for long placement runs and limited cutting.

The Iso-Step<sup>®</sup> Perimeter Isolation Strip should be installed at the perimeter of all areas receiving the Iso-Step<sup>®</sup> Floor Underlayment. It should also go around any protrusions in the flooring. This procedure isolates the sound mat floor system from other material.

This isolation strip creates an acoustical break to minimize the transmission of sound laterally from the "floating floor" to any other construction assembly. Adhere the foam perimeter isolation strip to the wall and trim off excess material once finished flooring is installed.

### TECHNICAL CHARACTERISTICS

**SIZE:** 2.5" x 50' long roll

**THICKNESS:** 6 mm

**DENSITY:** 2 to 2.4 lbs per cubic foot (ASTM D3575)

**TEAR STRENGTH:** 13 lbs per inch (ASTM D3575)

#### COMPRESSION

**CREEP:** <5% at 3.0 psi (ASTM D3575)

**STRENGTH:** 25% deflection: 10.5 psi  
50% deflection: 19 psi

**TENSIL STRENGTH:** 42 psi at 1/2" thickness (ASTM D3575)

**WATER ABSORPTION:** <0.2 lbs / sq ft of cut surface (ASTM D1056)

#### THERMAL

**CONDUCTIVITY:** 0.4-0.18 (BTU-in/hr/ sq ft) at 75 degrees fahrenheit (ASTM C518)

**STABILITY:** <5% change after 24 hrs at 165 degrees fahrenheit (ASTM D3575)

