



DURABLE ACOUSTICAL COMFORT



---

DURABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT

NO.2024-07

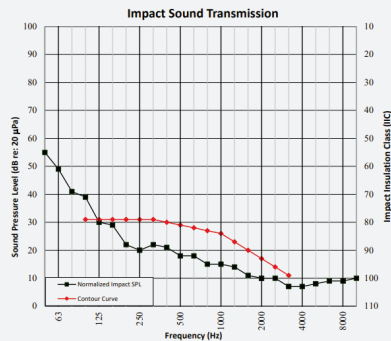
---

# PROTECTOR

# ACOUSTICAL TESTING

**PERFORMED BY:**  
**INTERTEK**

## ASTM E90 + ASTM E492



Carpet  
Protector 5 mm (13/64")

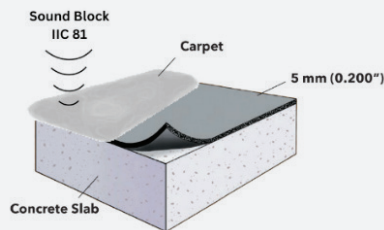
IIC\*81

6" Concrete Slab  
Wire Hung Ceiling Grid

IIC\*40

## Approved and tested by experts

Protector 5 mm (13/64") was tested under a 12 mm carpet and over a 152 mm concrete slab, obtaining an IIC 81. IIC is a measure of impact sound transmission from one floor to another. The higher the IIC rating, the better quality of sound absorption.



## Protector Specifications

The sound rated floor material shall be an open cellular rubber reinforced with solid rubber particles bonded to fiberglass backing, 5 mm (13/64") thick, approximately 54 oz/yd<sup>2</sup> in weight and 22 lb/ft<sup>3</sup> in density. The product shall have an IIC rating of 81 (tested as per ASTM E90 + ASTM E492) based on the construction detailed in this brochure. The acoustical material shall be Protector 5 mm (13/64") manufactured by: Dura Undercushions Ltd.

We invite you to contact us  
for any inquiries via email:  
**[info@duraundercushions.com](mailto:info@duraundercushions.com)**  
or via phone:  
**1-800-295-4126**

# IMPERIAL MATERIAL SPECIFICATIONS

<b>Thickness</b>	0.2 in
<b>“R” Value</b>	0.46
<b>Mass</b>	54 oz / sq.yd
<b>Density</b>	22 lb / cu. ft
<b>Tensile</b>	24 lb / in
<b>Content</b>	Minimum 95% recycled rubber
<b>Roll Size</b>	20 sq. yd
<b>Roll Weight</b>	68 lb
<b>Roll Width</b>	54 in.
<b>Roll Length</b>	40 ft.
<b>Roll Diameter</b>	11 in.
<b>Coverage</b>	180 sq. ft
<b>Acoustic Value</b>	IIC 81 / ASTM E90 and ASTM E492 - Impact Sound Transmission (With a carpet)
<b>Green Quality</b>	CRI Green Label Plus approved
<b>Anti-Microbial</b>	Naturally resists mold, mildew and fungus growth
<b>Radiant Heated Floors</b>	Suitable for radiant heated floor
<b>LEED</b>	Contributes up to 6 credits
<b>Flammability</b>	PASS Pill Test / ASTM D2859 / Class 1 / ASTM E 648 - Radiant Panel Test / As an assembly with a Class 1 commercial carpet
<b>Warranty</b>	Lifetime*

# METRIC MATERIAL SPECIFICATIONS

Thickness	5.08 mm
"R" Value	0.46
Mass	1.83 kg / sq. m
Density	352.41 kg / cu. m
Tensile	214 N / 5 cm
Content	Minimum 95% recycled rubber
Roll Size	16.72 sq. m
Roll Weight	30.84 kg
Roll Width	1.37 m
Roll Length	12.19 m
Roll Diameter	27.94 cm
Coverage	16.72 sq. m
Acoustic Value	IIC 81 / ASTM E90 and ASTM E492 - Impact Sound Transmission (With a carpet)
Green Quality	CRI Green Label Plus approved
Anti-Microbial	Naturally resists mold, mildew and fungus growth
Radiant Heated Floors	Suitable for radiant heated floor
LEED	Contributes up to 6 credits
Flammability	PASS Pill Test / ASTM D2859 / Class 1 / ASTM E 648 - Radiant Panel Test / As an assembly with a Class 1 commercial carpet
Warranty	Lifetime*

# DISCOVER MORE

---

## DURABLE ACOUSTICAL COMFORT



---

### For Engineered Hardwood and Laminated Flooring

**YOU NEED:**  
DURA-SON  
DURA-SON MB

---

### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC



---

### For Carpets

**YOU NEED:**  
DURACUSHION  
SUPERDURA  
PROTECTOR  
DURALUX

---

### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC

The durability of our products are the solution to all your acoustical needs. They will outlast and maintain their acoustical and comfort qualities throughout their lifetime.



---

## For Ceramics

**YOU NEED:**  
**DURAQUIET**

---

## MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
**DURACOUSTIC**



---

## For Vinyl

**YOU NEED:**  
**DURAQUIET**

---

## MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
**DURACOUSTIC**



DURABLE ACOUSTICAL COMFORT

---

**8525 CHEMIN DELMEADE, MONTREAL  
QC H4T 1M1**

---

**1-800-295-4126**

---

**INFO@DURAUNDERCUSHIONS.COM**

---

**[WWW.DURACUSHION.COM](http://WWW.DURACUSHION.COM)**

