



DURABLE ACOUSTICAL COMFORT



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DURABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT

NO.2025-01

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**DURACOUSTIC™**

UP TO IIC 92

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# IMPERIAL MATERIAL SPECIFICATIONS

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<b>Thickness</b>	0.31 in
<b>“R” Value</b>	0.52
<b>Mass</b>	87 oz / sq.yd
<b>Density</b>	22 lb / cu. ft
<b>Tensile</b>	24.4 lb / in
<b>Content</b>	Minimum 95% recycled rubber
<b>Roll Size</b>	12 sq. yd
<b>Roll Weight</b>	65 lb
<b>Roll Width</b>	54 in.
<b>Roll Length</b>	24 ft.
<b>Roll Diameter</b>	11 in.
<b>Coverage</b>	108 sq. ft
<b>Acoustic Value</b>	IIC 92 / ASTM E492 and E90 - Impact Insulating Class (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>	Compatible
<b>LEED</b>	Contributes up to 6 credits
<b>Flammability</b>	PASS Pill Test / ASTM D2859 / Class 1 / ASTM E648 - Radiant Panel Test / As an assembly with a Class 1 commercial carpet
<b>Warranty</b>	Lifetime*

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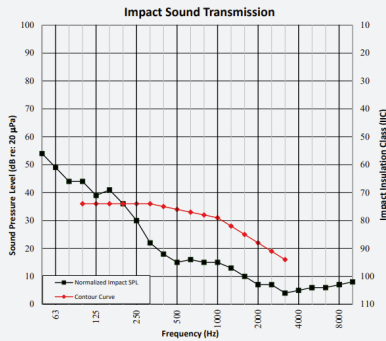
# METRIC MATERIAL SPECIFICATIONS

<b>Thickness</b>	8 mm
<b>"R" Value</b>	0.52
<b>Mass</b>	2.95 kg / sq. m
<b>Density</b>	352.4 kg / cu. m
<b>Tensile</b>	214 N / 5 cm
<b>Content</b>	Minimum 95% recycled rubber
<b>Roll Size</b>	10.03 sq. m
<b>Roll Weight</b>	29.48 kg
<b>Roll Width</b>	1.37 m
<b>Roll Length</b>	7.32 m
<b>Roll Diameter</b>	27.94 cm
<b>Coverage</b>	10.03 sq. m
<b>Acoustic Value</b>	IIC 92 / ASTM E492 and E90 - Impact Insulating Class (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>	Compatible
<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*

# ACOUSTICAL TESTING

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

## ASTM E90 + ASTM E492



Carpet IIC\*92  
 Super Dura 10 mm (25/64")  
 Cement Board (2 x 1/2")  
 Duracoustic 8 mm (5/16")  
 6" Concrete Slab  
 Suspended Ceiling

Carpet IIC\*76  
 Cement Board (2 x 1/2")  
 Duracoustic 8 mm (5/16")

Cement Board (2 x 1/2") IIC\*68  
 Duracoustic 8 mm (5/16")

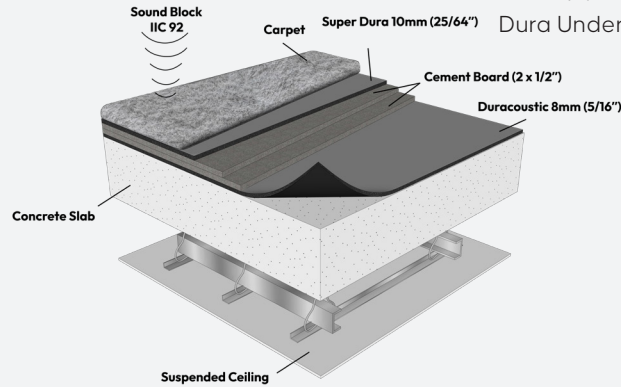
6" Concrete Slab IIC\*40  
 Wire Hung Ceiling Grid

## Approved and tested by experts

Duracoustic 8 mm (5/16") was tested under a carpet and over a 6" concrete slab. Duracoustic 8 mm (5/16") obtained an IIC 92. IIC is a measure of impact sound transmission from one floor to another. The higher the IIC rating, the better quality of sound absorption.

## Duracoustic Specifications

The sound rated floor material shall be an open cellular rubber reinforced with solid rubber particles bonded to fiberglass backing, 8 mm (5/16") thick, approximately 87 oz/yd<sup>2</sup> in weight and 22 lb/ft<sup>3</sup> in density. The product shall have an IIC rating of 92 (tested as per ASTM E90 + ASTM E492) based on the construction detailed in this brochure. The acoustical material shall be Duracoustic 8 mm (5/16") 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**

# 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 Carpet & Carpet Tile

**YOU NEED:**  
DURACUSHION (Carpet)  
SUPERDURA (Carpet)  
PROTECTOR (Carpet)  
DURALUX (Carpet)

DURAPAD (Carpet Tile)  
DURAQUIET (Carpet Tile)

### 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.



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### For Ceramics

**YOU NEED:**  
DURAQUIET

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### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC



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### For Vinyl

**YOU NEED:**  
DURAPAD (LVT/LVP)  
DURAQUIET (LVT/LVP/Sheet Vinyl)

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### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC



DURABLE ACOUSTICAL COMFORT

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

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**1-800-295-4126**

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**INFO@DURAUNDERCUSHIONS.COM**

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

