



DURABLE ACOUSTICAL COMFORT



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DURABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT

NO.2025-01

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**DURA-SON™**

UP TO IIC 74

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# IMPERIAL MATERIAL SPECIFICATIONS

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<b>Thickness</b>	0.137 in
<b>“R” Value</b>	0.32
<b>Mass</b>	40 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>	24 sq. yd
<b>Roll Weight</b>	60 lb
<b>Roll Width</b>	54 in.
<b>Roll Length</b>	48 ft.
<b>Roll Diameter</b>	10 in.
<b>Coverage</b>	216 sq. ft
<b>Acoustic Value</b>	IIC 74 / ASTM E90 and E492 - Impact Sound Transmission
<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
<b>Warranty</b>	Lifetime*

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# METRIC MATERIAL SPECIFICATIONS

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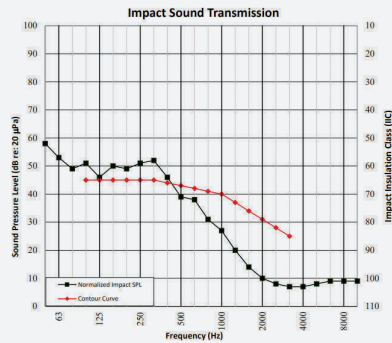
<b>Thickness</b>	3.5 mm
<b>“R” Value</b>	0.32
<b>Mass</b>	1.36 kg / sq. m
<b>Density</b>	352.41 kg / cu. m
<b>Tensile</b>	214 N / 5 cm
<b>Content</b>	Minimum 95% recycled rubber
<b>Roll Size</b>	20.1 sq. m
<b>Roll Weight</b>	27.22 kg
<b>Roll Width</b>	1.37 m
<b>Roll Length</b>	14.63 m
<b>Roll Diameter</b>	25.4 cm
<b>Coverage</b>	20.01 sq. m
<b>Acoustic Value</b>	IIC 74 / ASTM E90 and E492 - Impact Sound Transmission
<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
<b>Warranty</b>	Lifetime*

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# ACOUSTICAL TESTING

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

## ASTM E90 + ASTM E492



Laminate IIC\*74  
Dura-Son 3.5 mm (1/8")  
Plywood (2 x 3/8")  
Super Dura 10 mm (25/64")  
6" Concrete Slab  
Suspended Ceiling

Vinyl IIC\*72  
Dura-Son 3.5 mm (1/8")  
Cement board (2 x 1/2")  
Duracoustic 8 mm (5/16")

14 mm Engineered Hardwood IIC\*69  
Dura-Son 3.5 mm (1/8")

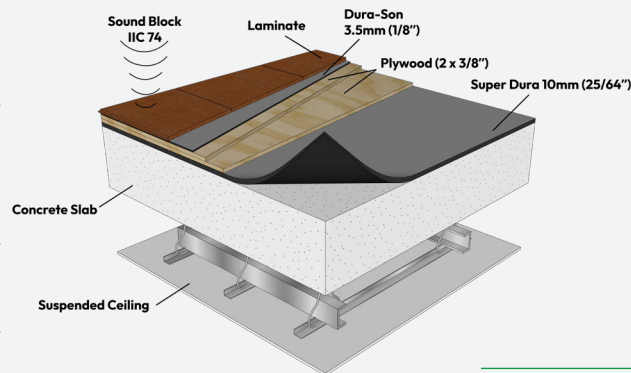
Reinforced Concrete Slab IIC\*36  
200 mm (8") Bare Slab

## Approved and tested by experts

Dura-Son 3.5 mm was tested under a laminate floor over a 6" concrete slab. Dura-Son 3.5 mm (1/8") obtained an IIC 74. IIC is a measure of impact sound transmission from one floor to another. The standard IIC recommendation is 55 with a hardwood floor. The higher the IIC rating, the better quality of sound absorption.

## Dura-Son Specifications

The sound rated floor material shall be an open cellular rubber shall be an open cellular rubber reinforced with solid rubber particles bonded to fiberglass backing, 3.5 mm (1/8") thick, approximately 40 oz/yd<sup>2</sup> in weight, and 22 lb/ft<sup>3</sup> in density. The product shall have an IIC rating of 74 (tested as per ASTM E90 + ASTM E492) based on the construction detailed in this brochure. The acoustical material shall be DURA-SON 3.5 mm (1/8") 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)**

