



DURABLE ACOUSTICAL COMFORT



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DURABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT

NO.2025-01

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**DURACUSHION™**

UP TO IIC 86

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# IMPERIAL MATERIAL SPECIFICATIONS

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<b>Thickness</b>	0.24 in
<b>"R" Value</b>	0.52
<b>Mass</b>	64 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>	18 sq. yd
<b>Roll Weight</b>	72 lb
<b>Roll Width</b>	54 in.
<b>Roll Length</b>	36 ft.
<b>Roll Diameter</b>	11 in.
<b>Coverage</b>	162 sq. ft
<b>Acoustic Value</b>	IIC 86 / 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>	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*

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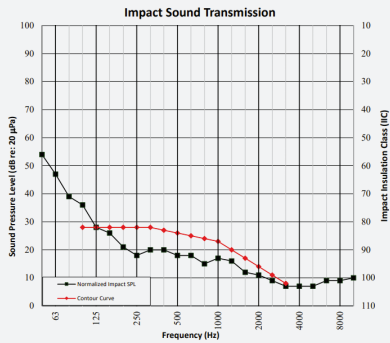
# METRIC MATERIAL SPECIFICATIONS

<b>Thickness</b>	6 mm
<b>“R” Value</b>	0.52
<b>Mass</b>	2.17 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>	15.05 sq. m
<b>Roll Weight</b>	32.66 kg
<b>Roll Width</b>	1.37 m
<b>Roll Length</b>	10.97 m
<b>Roll Diameter</b>	27.94 cm
<b>Coverage</b>	15.05 sq. m
<b>Acoustic Value</b>	IIC 86 / 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>	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\*86  
Duracushion 6 mm (15/64")  
Gypsum Concrete (1.5")  
Super Dura 10 mm (25/64")  
6" Concrete Slab  
Suspended Ceiling

Carpet IIC\*84  
Duracushion 6 mm (15/64")

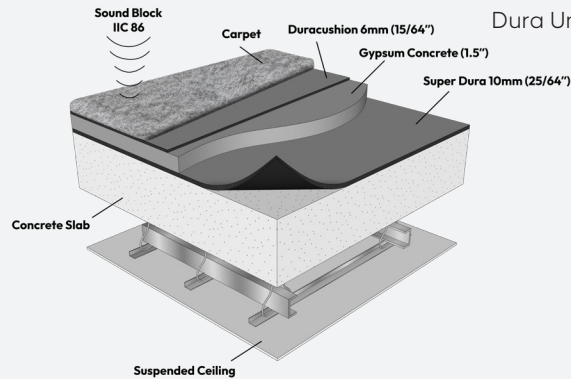
6" Concrete Slab IIC\*40  
Wire Hung Ceiling Grid

## Approved and tested by experts

Duracushion 6 mm (15/64") was tested under a carpet and over a 6" concrete slab. Duracushion 6 mm (15/64") obtained an IIC 86. IIC is a measure of impact sound transmission from one floor to another. The higher the IIC rating, the better quality of sound absorption.

## Duracushion 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, 6 mm (15/64") thick, approximately 64 oz/yd<sup>2</sup> in weight and 22 lb/ft<sup>3</sup> in density. The product shall have an IIC rating of 86 (tested as per ASTM E90 + ASTM E492) based on the construction detailed in this brochure. The acoustical material shall be Duracushion 6 mm (15/64") 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**

# DISCOVER MORE

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## DURABLE ACOUSTICAL COMFORT



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### For Engineered Hardwood and Laminated Flooring

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

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### MULTI-RESILIENT LAYER FLOORING

**YOU NEED:**  
DURACOUSTIC



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### For Carpets

**YOU NEED:**  
DURACUSHION  
SUPERDURA  
PROTECTOR  
DURALUX

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### 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:**  
**DURAQUIET**

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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)**

