

 **DURA**



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**DURABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT**

**NO.2023-01**

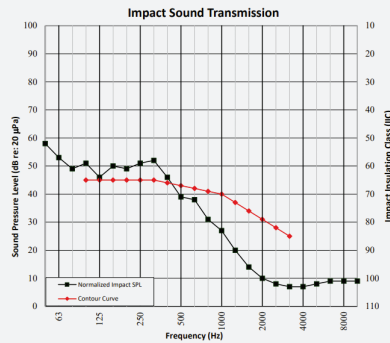
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**DURA-SON MB**

# ACOUSTICAL TESTING

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

## ASTM E90 + ASTM E492

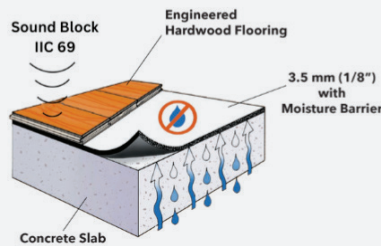


14 mm Engineered Hardwood  
Dura-Son MB 3.5 mm (1/8") IIC\*69

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

## Approved and tested by experts

Dura-Son MB 3.5 mm was tested in a bedroom under a 14 mm engineered hardwood floor over a 8" concrete slab. Dura-Son MB 3.5 mm (1/8") obtained an IIC 69. IIC is a measure of impact sound transmission from one floor to another. The standard IIC recommendation is 55 with a hardwood flooring. The higher the IIC rating, the better quality of sound absorption.



## Dura-Son MB 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 improves moisture protection with a 3 mil. barrier and a water vapor transmission rate of .0009 g/hour/square foot or 0.010 g/hour/m<sup>2</sup>. (ASTM E96). The product shall have an IIC rating of 69 (tested as per ASTM E90 + ASTM E492) based on the construction detailed in this brochure. The acoustical material shall be DURA-SON MB 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**

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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 90% + recycled rubber bonded with synthetic 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 69 / ASTM E90 and E492 - Impact Sound Transmission
<b>Moisture Protection</b>	3 mil Polyethylene
<b>Water Vapor Transmission Rate</b>	0.0009g / hr. / sq.ft. Or 0.010g / hr. / sq.m. / ASTM E96
<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
<b>Warranty</b>	Lifetime*

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# METRIC MATERIAL SPECIFICATIONS

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<b>Thickness</b>	3.48 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 90% + recycled rubber bonded with synthetic rubber
<b>Roll Size</b>	20.01 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 69 / ASTM E90 and E492 - Impact Sound Transmission
<b>Moisture Protection</b>	3 mil Polyethylene
<b>Water Vapor Transmission Rate</b>	0.0009g / hr. / sq.ft. Or 0.010g / hr. / sq.m. / ASTM E96
<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
<b>Warranty</b>	Lifetime*

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# 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**



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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)**

