



SUSTAINABLE ACOUSTICAL COMFORT



SUSTAINABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT NO.2026

DURA-SON MB™

UP TO IIC 74

IMPERIAL MATERIAL SPECIFICATIONS

Thickness	0.137 in
"R" Value	0.32
Mass	40 oz / sq. yd
Density	22 lb / cu. ft
Tensile	24 lb / in
Content	Minimum 95% recycled rubber
Roll Size	24 sq. yd
Roll Weight	60 lb
Roll Width	54 in.
Roll Length	48 ft.
Roll Diameter	10 in.
Coverage	216 sq. ft
Acoustic Value	IIC 74 / ASTM E90 and E492 - Impact Sound Transmission
Moisture Protection	3 mil Polyethylene
Water Vapor Transmission Rate	0.0009g / hr. / sq.ft. Or 0.010g / hr. / sq.m. / ASTM E96
Green Quality	CRI Green Label Plus approved
Anti-Microbial	Naturally resists mold, mildew and fungus growth
Radiant Heated Floors	Compatible
LEED	Contributes up to 6 credits
Flammability	PASS Pill Test / ASTM D2859
Warranty	Lifetime*

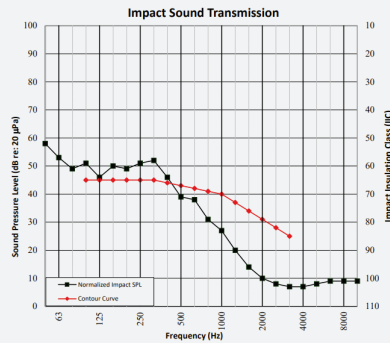
METRIC MATERIAL SPECIFICATIONS

Thickness	3.5 mm
"R" Value	0.32
Mass	1.36 kg / sq. m
Density	352.41 kg / cu. m
Tensile	214 N / 5 cm
Content	Minimum 95% recycled rubber
Roll Size	20.01 sq. m
Roll Weight	27.22 kg
Roll Width	1.37 m
Roll Length	14.63 m
Roll Diameter	25.4 cm
Coverage	20.01 sq. m
Acoustic Value	IIC 74 / ASTM E90 and E492 - Impact Sound Transmission
Moisture Protection	3 mil Polyethylene
Water Vapor Transmission Rate	0.0009g / hr. / sq.ft. Or 0.010g / hr. / sq.m. / ASTM E96
Green Quality	CRI Green Label Plus approved
Anti-Microbial	Naturally resists mold, mildew and fungus growth
Radiant Heated Floors	Compatible
LEED	Contributes up to 6 credits
Flammability	PASS Pill Test / ASTM D2859
Warranty	Lifetime*

ACOUSTICAL TESTING

PERFORMED BY:
INTERTEK

ASTM E90 + ASTM E492



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

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

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

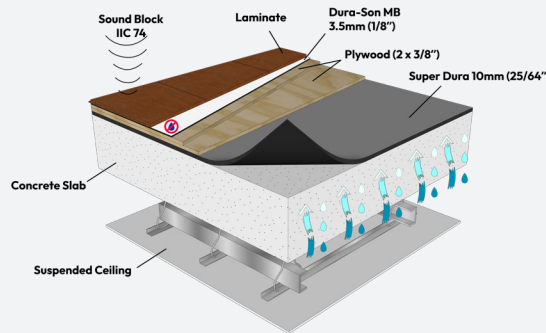
Reinforced Concrete Slab
200 mm (8") Bare Slab
IIC*36

Approved and tested by experts

Dura-Son MB 3.5 mm was tested under a laminate floor over a 6" concrete slab. Dura-Son MB 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 MB Specifications

The sound rated floor material shall be an open cellular rubber reinforced with solid rubber particles bonded to fiberglass backing, 3.5 mm (1/8") thick, approximately 40 oz/yd² in weight, and 22 lb/ft³ 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/m². (ASTM E96). 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 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 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.



For Ceramics

YOU NEED:
DURAQUIET

MULTI-RESILIENT LAYER FLOORING

YOU NEED:
DURACOUSTIC



For Vinyl

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

MULTI-RESILIENT LAYER FLOORING

YOU NEED:
DURACOUSTIC



SUSTAINABLE ACOUSTICAL COMFORT

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

1-800-295-4126

INFO@DURAUNDERCUSHIONS.COM

WWW.DURACUSHION.COM

