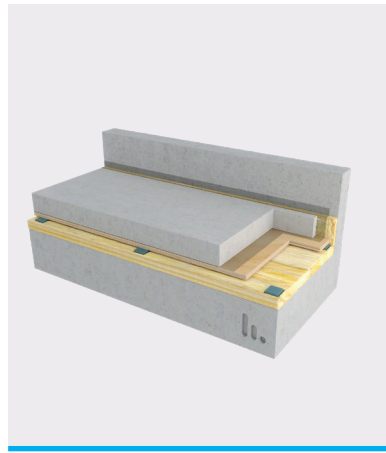


Stravifloor Mount* Datasheet



Stravifloor Mount is a [discrete pad](#) floating floor system and is designed for fast and easy installation.

CDM Stravitec elastomeric bearings ensure a high-performance floating floor, providing exceptional structure-borne and airborne noise isolation.

The system can be installed with normal-weight concrete, lightweight concrete, or panelized floor systems using plywood or cement board.



CHARACTERISTICS

- Fast and easy installation
- Typical pad spacing of 12" (300 mm), 16" (400 mm), 24" (610 mm) o.c.
- Suitable for wet/concrete systems as well as for dry systems
- Standard thickness of 2" (50 mm) and 1-3/16" (30 mm)
- Load-bearing capacities from 14.5 to 440 PSI per pad
- Available with natural rubber pads (HR) as standard resilient support
- Available with AASHTO-grade neoprene rubber pads (AR), upon request
- Outstanding Kstat to Kdyn ratio provides low resonant frequency at minimal deflection
- Stravifloor Mount floor system uses elastomeric isolators with low stiffness/high resilience allowing natural frequencies as low as 6Hz
- CDM Stravitec pads offer extremely low and constant resonant frequency over a wide load range
- Durable and extremely low creep rate
- Isolation pads are mold and water resistant
- Offer unparalleled flexibility in design, layout, acoustic and load bearing capacity
- Customizable to meet height restrictions, achieve higher performance levels or bear higher loads
- 1" (25 mm) to 2" (50 mm) void for maximum airborne sound isolation performance

*Previously known as CDM-DPM



Stravifloor Mount

<p>Components CDM Isolation pads, pre-cut batt insulation & Perimeter Strip</p>	<p>Typical Pad Spacing 12" (30 cm), 16" (40 cm), 24" (60 cm) o.c.</p>
<p>Dimension 4' (122 cm) x 8' (244 cm) sheets; rolls</p>	<p>Thickness 2" (50 mm) and 1-3/16" (30 mm)⁽¹⁾</p>

⁽¹⁾Other thicknesses available upon request.

Pads Color Code

Natural Rubber (HR)

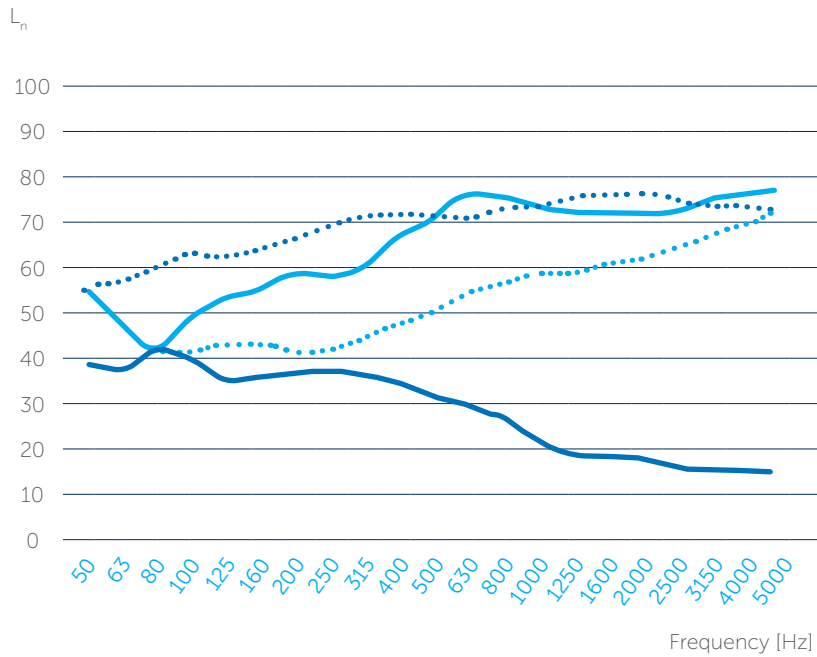
- Pad-M_{HR} 
- Pad-H_{HR} 
- Pad-X_{HR} 



Test report A-2015_ZO_198-G033/034 by ECO-SCAN⁽³⁾ - Test Setup

1. 4" (100 mm) floating concrete slab
2. Lost formwork plate MDF 0.7" (18 mm) & PE-film 1/64" (0.4 mm)
3. Isolator Pad-M_{HR} 2x2x2" (50x50x50 mm)
4. 1.57" (40 mm) insulation material
4. 5.5" (140 mm) structural concrete slab

Acoustical Isolation



- R
- R (bare slab)
- L_n
- L_{n,o} bare slab

Bare Slab STC	STC	Bare Slab IIC	IIC	ΔIIC
55	70	27	79	48

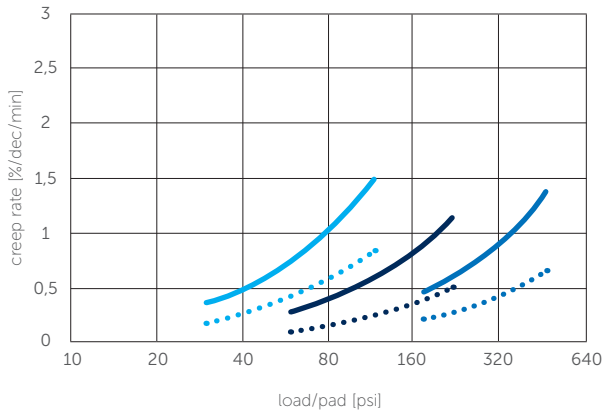
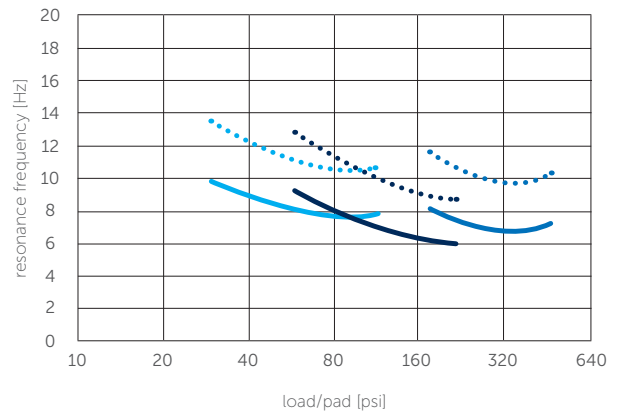
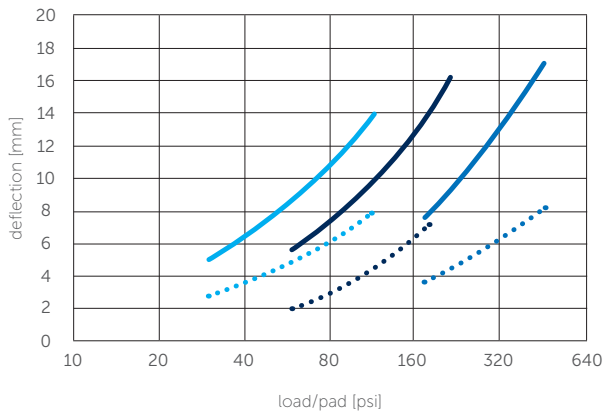
⁽³⁾ Test report available upon request.



PHYSICAL & MECHANICAL PROPERTIES OF NATURAL RUBBER PADS (HR)

Type	Degree of stiffness	Color	Shore hardness ASTM D2240	Tensile strength ISO 37	Elongation at break ISO 37	Compression set 50%/73°F(23°C)/70h ISO 815
Pad-M _{HR}	Medium	Blue	40 A	> 290 PSI	> 300%	< 15%
Pad-H _{HR}	High	Brown	55 A	> 754 PSI	> 400%	< 15%
Pad-X _{HR}	Extra High	Green	73 A	> 870 PSI	> 200%	< 15%

Note: working temperature between 14°F (-10°C) and 212°F (100°C) (momentary higher temperatures are acceptable).

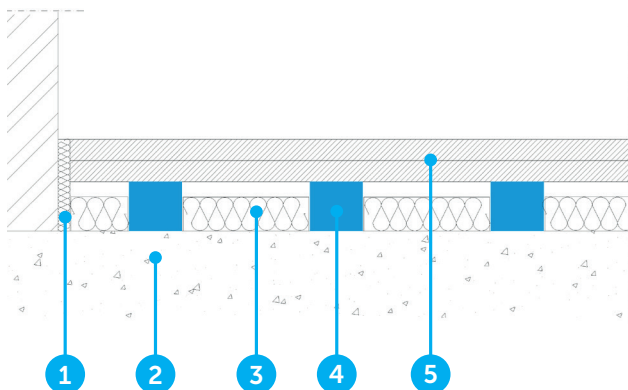


- Pad-M_{HR} 2"
- Pad-H_{HR} 2"
- Pad-X_{HR} 2"
- Pad-M_{HR} 1 3/16"
- Pad-H_{HR} 1 3/16"
- Pad-X_{HR} 1 3/16"



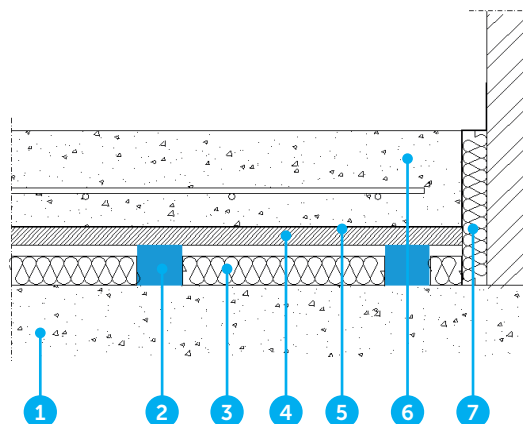
TYPICAL ASSEMBLIES

Wood Floating Floor



1. Perimeter Strip
2. Structural slab
3. Insulation material
4. CDM Stravitec rubber pads
5. Load distribution layer (e.g.: plywood raft)

Concrete Floating Floor



1. Structural slab
2. CDM Stravitec rubber pads
3. Insulation material
4. Lost formwork
5. PE-film (poly sheeting)
6. Reinforced concrete slab
7. Perimeter Strip

Note: an installation manual is available upon request.

DISCLAIMER

This information is accurate to the best of our knowledge at the time of issue. Information, data and recommendations provided are based on industry accepted testing and prior product usage. It is intended as descriptive of the general capabilities and performance of our products and does not endorse applicability for any particular project. We reserve the right to change products, performance, and data without notice. This document replaces all information supplied prior to the publication hereof.