

MODERN MOVEMENT

The Acoustic Benefits
of Cushion Backing

Milliken™



WELL-BEING AND ACOUSTICS

Unwanted noise in the workplace is a significant contributor to stress, fatigue, illness and absenteeism.

Sound is one of the 10 Concepts in the WELL Building Standard (WELL v2). A study by Cornell University* indicated that workers in open-office environments exhibited increased levels of stress hormones, which made it more likely for them to become less motivated and less creative. In fact, data shows that productivity can go down by as much as 66%**.

The right floor covering choice, for the appropriate area can create an environment where sound levels are more comfortable, boost concentration, memory and focus and increase morale and productivity.



MODERN MOVEMENT

Simple Lines / Crossing Lines Light /
Crossing Lines Dark
SLS215-180-133 Retro
CRL133-120-180 Retro
CRD217-174-133 Retro

* Evans, G.W. & Johnson, D. (2000). Stress and open-office noise. *Journal of Psychology*, 85 (5), 779-783

** The 4 ways sound affects us, Julian Treasure, Talk at TEDGlobal 2009, July 2009

WHEN PERFORMANCE MATTERS

Milliken's cushion-backed carpet can have a powerful impact on productivity. By absorbing up to 60% more ambient sound than hard-backed tiles and up to twelve times more than hard surface products, our cushion backing makes it easier for everyone to hear, communicate and concentrate.

Milliken Cushion Backing absorbs up to

60%

more noise than hardback

Milliken cushion backing has also been shown to reduce impact sound, for example, from foot traffic in and around workspaces, by up to 40% when compared to hardback carpet. This can help make spaces feel much calmer and less frenetic.

Well-being and Floor Covering

Milliken's floor coverings offer many tangible well-being benefits in terms of approved acoustics, comfort, indoor air quality and safety, all of which enhance everyone's well-being.



MODERN MOVEMENT
Crossing Lines Light Colour Pops
CLP229-180-133 Teal

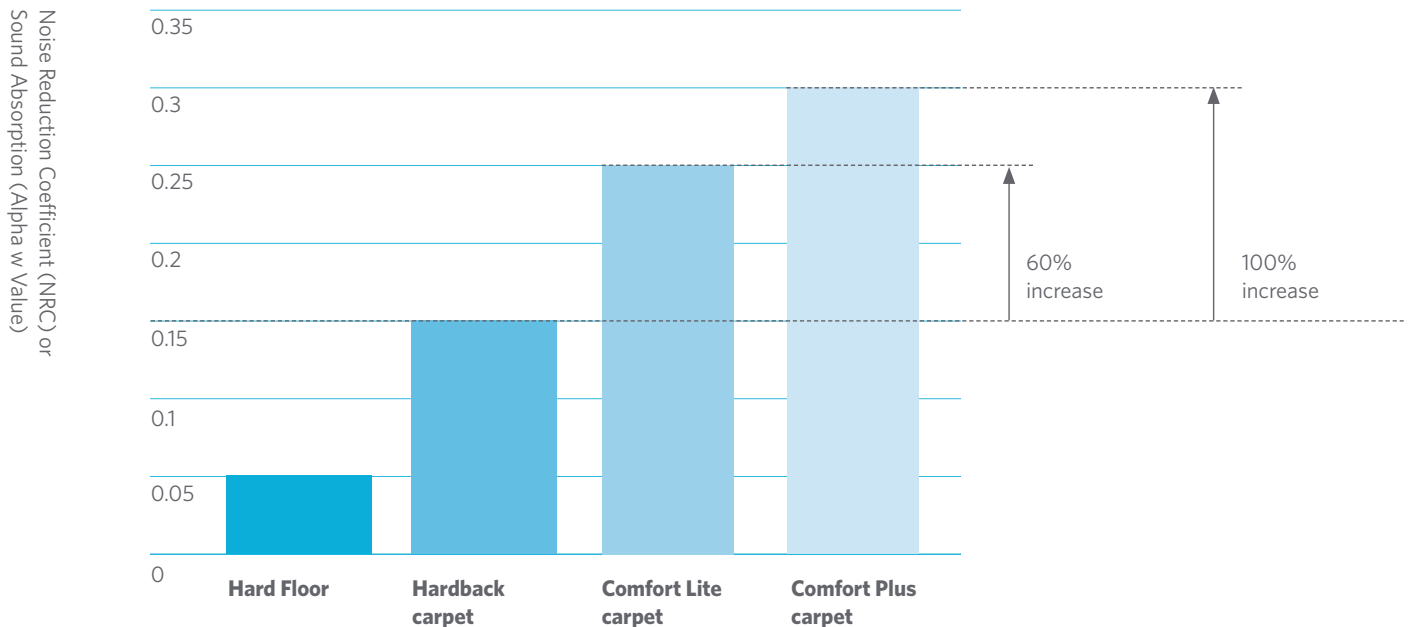


MODERN MOVEMENT

Crossing Lines Dark
CRD217-174-133 Retro

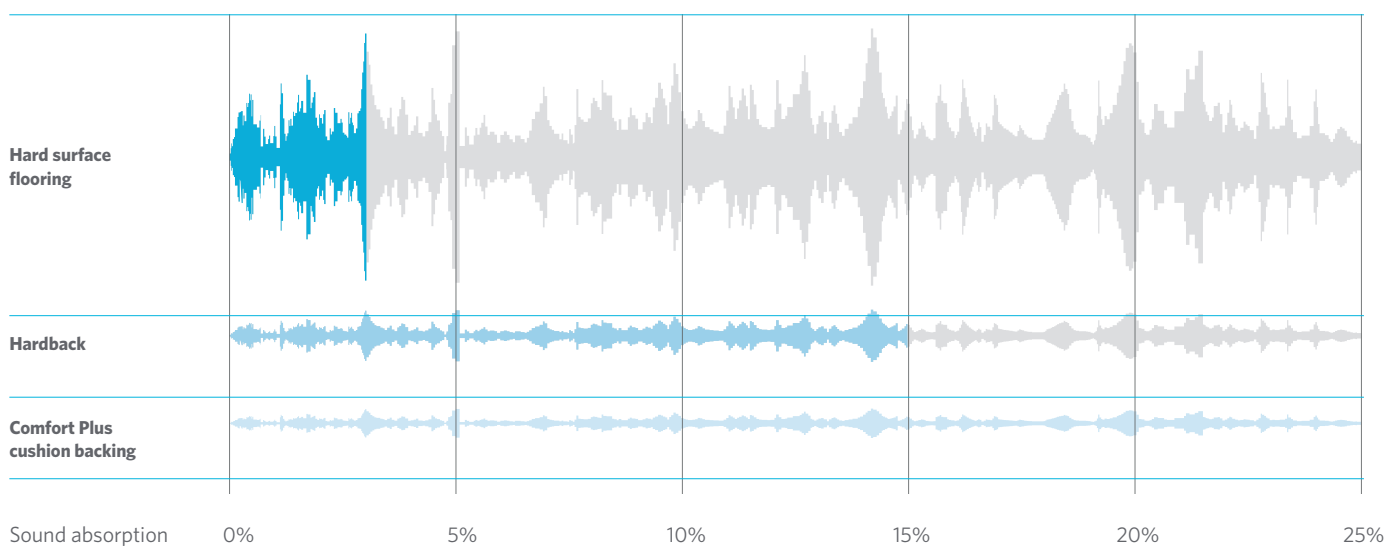
WELL-BEING AND ACOUSTICS

Impact Noise Comparison



**Comfort Plus® reduces impact sound
(e.g. from foot traffic) by up to 40%**

Sound Absorption Comparison



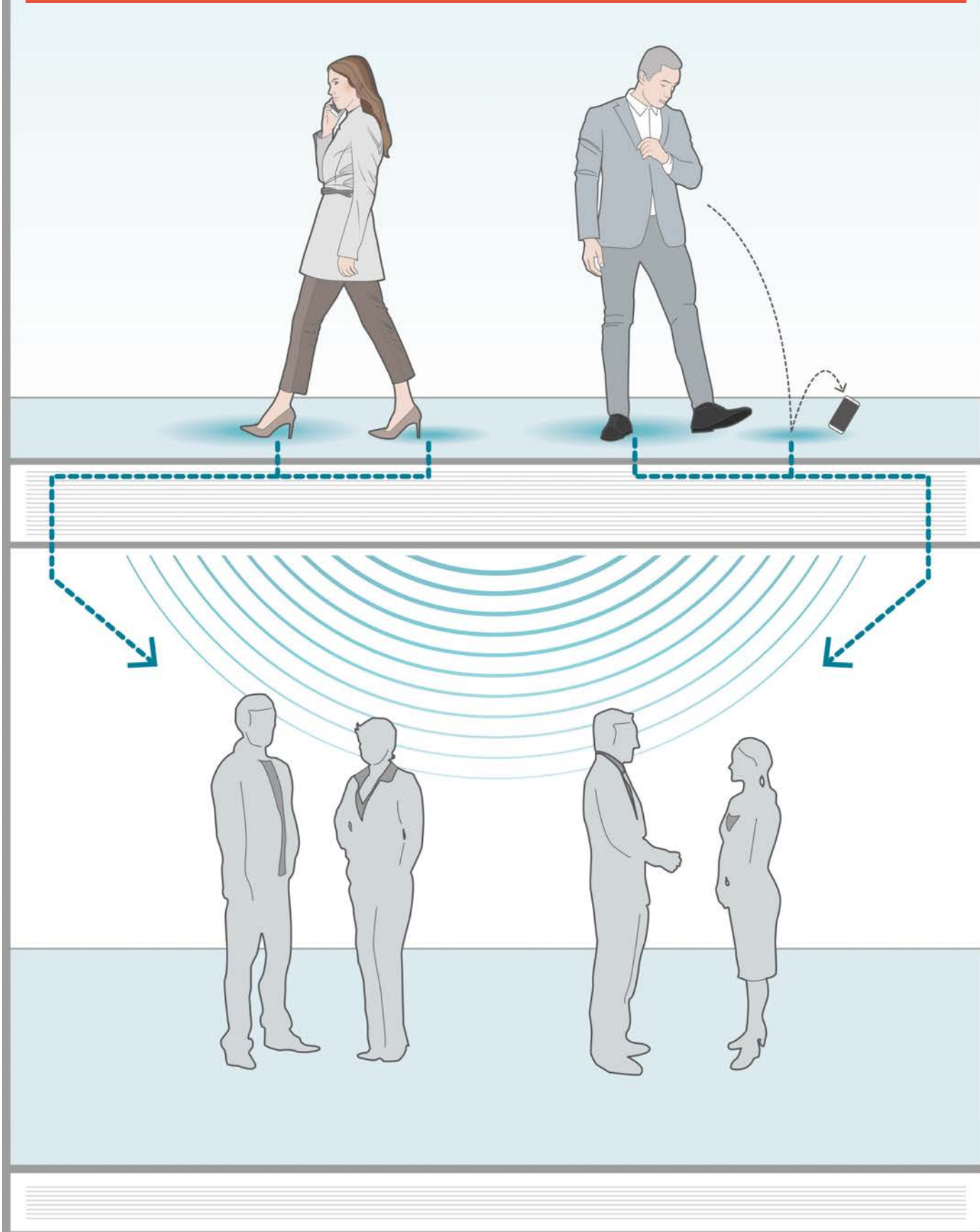
Milliken Cushion Backing provides:

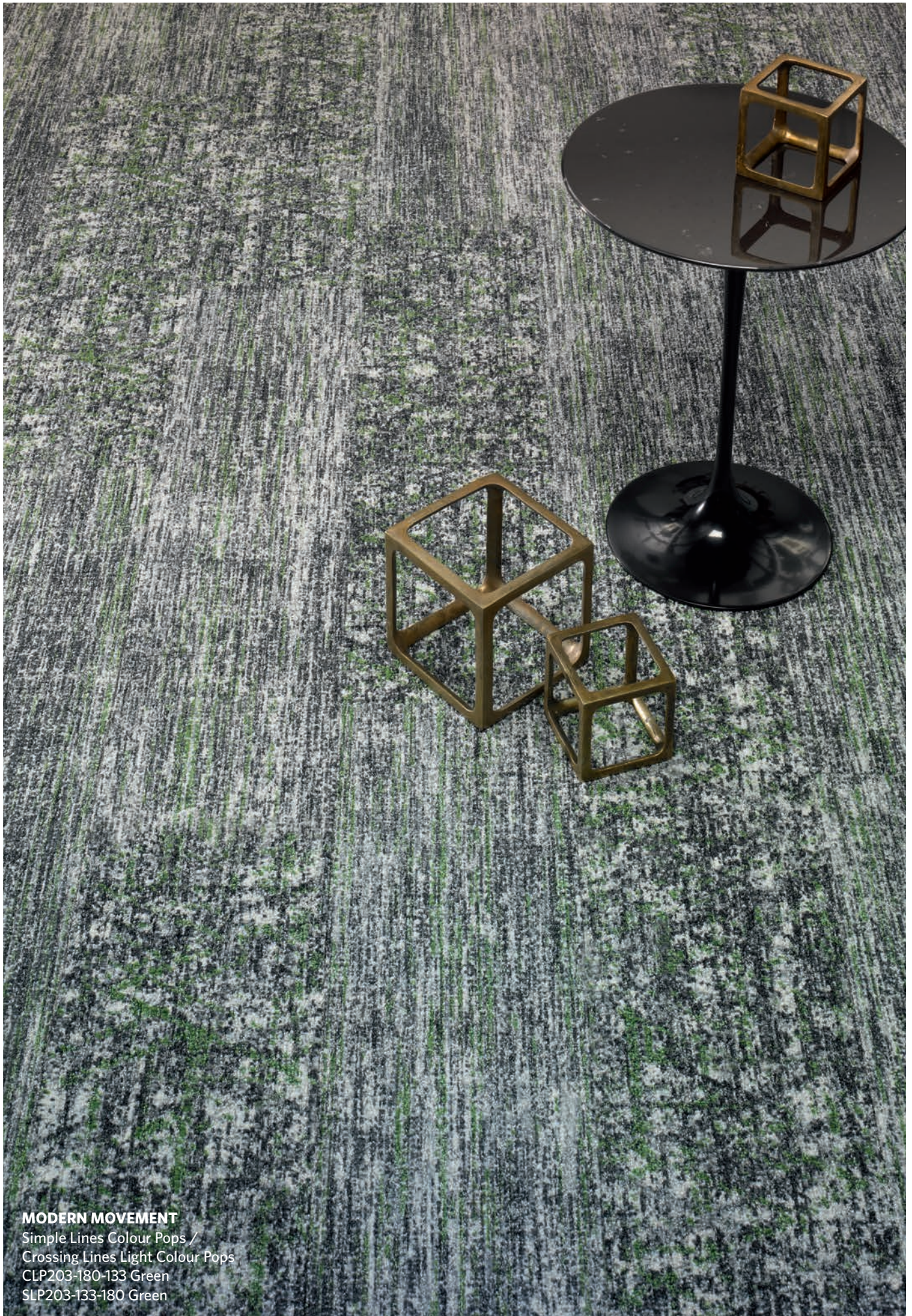
- 24% less noise generation than hardback carpet
- 90% less noise generation than a hard surface



MODERN MOVEMENT
Crossing Lines Light
CRL133-120-180 Retro

In a building with multiple floors, installing a floor covering that reduces impact sound, can dramatically reduce the intensity of sound on the floor below from both impact noise (eg walking) and background noise (eg telephones or conversations.)





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Simple Lines Colour Pops /
Crossing Lines Light Colour Pops
CLP203-180-133 Green
SLP203-133-180 Green



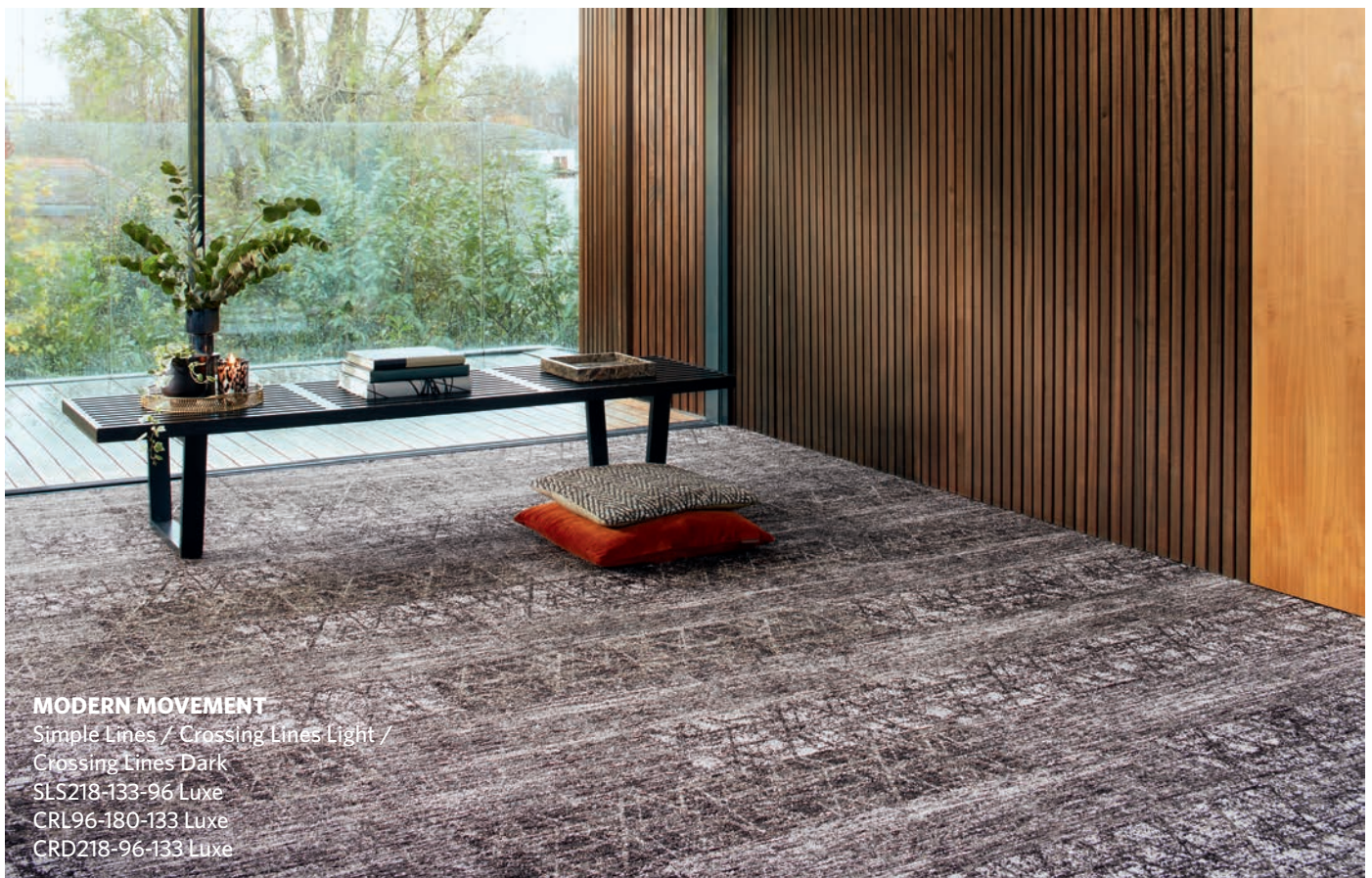
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Crossing Lines Light / Crossing Lines Dark

CRL96-180-133 Luxe

CRD218-96-133 Luxe

To transform, enhance and increase the well-being and acoustic performance in your interior space, view our entire Modern Movement collection [here](#)



MODERN MOVEMENT

Simple Lines / Crossing Lines Light /

Crossing Lines Dark

SLS218-133-96 Luxe

CRL96-180-133 Luxe

CRD218-96-133 Luxe

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