



# Hot & Heavy II

connectD 2.5   connectD 5.0



## connectD 2.5 | 5.0

Fractals are repeating patterns that occur throughout our natural world. Scientists have found that we are fluent at perceiving fractals in nature and receiving their benefits. Building on our collaboration with Dr. Richard Taylor of Fractals Research and 13&9 Design, connectD expands Mohawk Group's collections of fractal-based patterns that support well-being and are scientifically designed to reduce stress in all types of spaces. As a result, built environments are more conducive for people to live, work, play, learn and innovate.

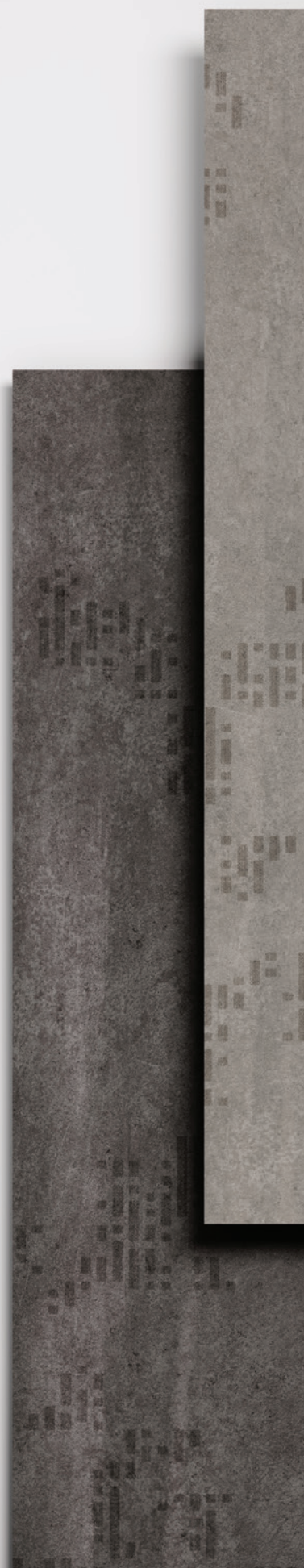
connectD is part of the Hot & Heavy II collection, available in both 5.0mm and 2.5mm thicknesses to deliver installation advantages that save time and reduce cost. The 5.0 thickness can be installed with a loose-lay method; larger areas need only a perimeter spread of releasable adhesive. The 2.5 thickness can be installed with the same releasable adhesive.

Featuring a range of warm and cool neutrals and an 18" x 36" format, connectD makes it simple to bring the benefits of nature's fractals into the built environment.



Learn more at [mohawkgroup.com](https://mohawkgroup.com)

Cover: Bolder 2.5 | 5.0, 910 Gentle Mist  
Chromascope, 250 Cozy Linen, 676 Celestial Forest











# Fractals and Wellbeing

13&9 Design and Fractals Research have developed a design-science approach to adapting these patterns for human-centered built environments. Dr. Taylor's research is on "fractal fluency," or how the human visual system has evolved to look at fractals. His experiments show that visual complexity is the key to understanding the role of fractals in stress reduction.

Fractals are complex patterns. Some are simpler (lower D-value), while others are more intricate (higher D-value). Fractals with mid-range complexity (mid-D value) are the most prevalent in nature. Our eyes perform well when observing these patterns, which can help us feel less stressed. connectD 2.5 | 5.0 uses mid-D value patterns (marked with a "D") to create calming designs.

Fractals also help mitigate the continuous exposure to technology in our digitized and urbanized settings. As our world moves towards a more digital future, our human need to innately connect with nature indoors will only grow exponentially.

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Experiments show that people's stress levels reduce by as much as 60% when looking at fractals.”

Dr. Richard Taylor  
Fractals Research & University of Oregon





# Colorways

The fractal patterns of connectD are offered in versatile warm and cool neutrals that mesh with a variety of palettes. The colorways also coordinate with the neutral colorways of Chromascope 2.5 | 5.0, making it simple to mix the styles to best suit your space.



120 Buff Ivory



230 Tan Essence



250 Cozy Linen



270 Warm Haven



910 Gentle Haze



940 Balanced Charcoal



960 Whispering Grey



980 Grounded Black





# Ultra Performance and Worry Free Solutions for Any Project

connectD 2.5 | 5.0 is available in two thicknesses, offering a seamless transition to a variety of soft surfaces and helping you meet the needs of different projects. Both products are designed with a 20 mil heavy commercial wear layer and our premium M-Force™ Ultra technology, which delivers a complete performance system for LVT.

## M-Force™ Ultra

Hot & Heavy II features our M-Force™ Ultra technology providing exceptional scratch, stain and dent resistance, and easy maintenance for lasting beauty.

## Quicker Installation

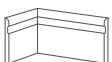
The 5.0 thickness can be installed loose-lay; larger areas need only a perimeter spread of releasable adhesive. The 2.5 thickness can be installed with the same releasable adhesive. No wet-set installation needed.



All our flooring products go Beyond Carbon Neutral, meaning they are 100% carbon neutral plus an additional 5% carbon offset for a Net-Positive impact.



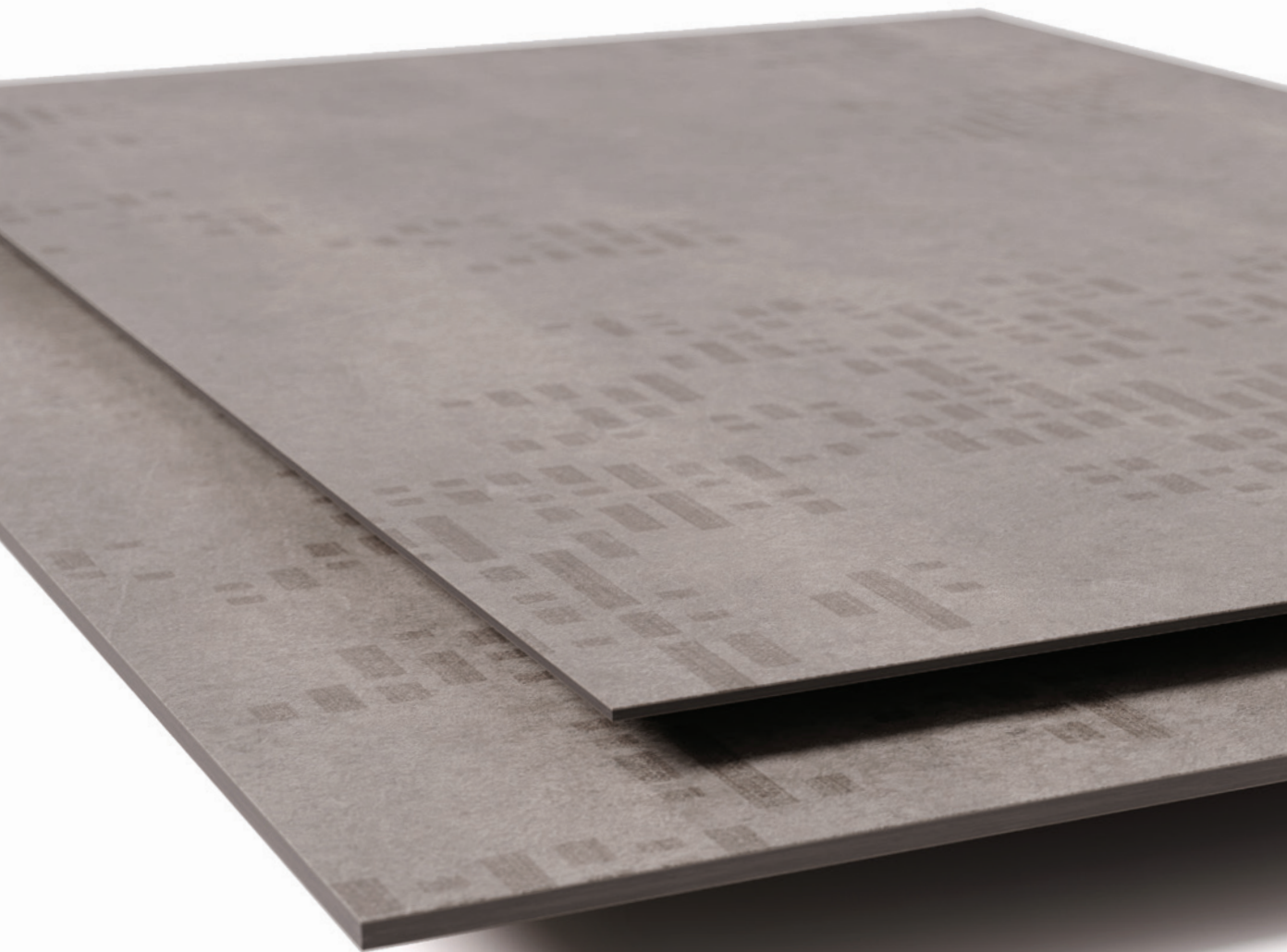
Styles from the Hot & Heavy II Collection are the only LVT products on the market to be NFSI Certified Slip Resistant in wet conditions.



**Elemental Edges**  
Wall Base

Our portfolio of architectural and cove wall bases are offered in 14 QuickShip colors that coordinate perfectly with our full suite of soft and hard surface products.





#### 2.5MM FLEX

Reducing installation time and costs, no transition strips are needed between the 2.5mm platform and EcoFlex™ Matrix backed carpet tile products. The 2.5mm tiles use the same releasable adhesive as the 5.0mm tiles. No wet-set installation is needed.

- May contribute toward LEED/WELL
- UL certified EPD
- No ortho-phthalates
- Floorscore® certified for low VOCs



#### 5.0MM FLEX

Reducing installation time and costs, no transition strips are needed between the 5.0mm platform and EcoFlex™ ONE or EcoFlex™ AIR backed carpet tile products. The 5.0mm tiles may be installed loose-lay; areas larger than 20' in any direction require a perimeter spread of releasable adhesive.

- May contribute toward LEED/WELL
- UL certified EPD
- No ortho-phthalates
- Floorscore® certified for low VOCs





connectD 2.5 | 5.0, 910 Gentle Haze  
Creative Culture, 829 Sisal Running Line Rug with Serged Edge

## Running Line Rug Program

Unlock your creative freedom with our innovative Running Line Rug Program. Dive in and explore our carefully curated styles, mix and match colors, sizes, and edge treatments to create the perfect rug for your space.





# Specifications

connectD 2.5mm (C2115)  
connectD 5.0mm (C2116)

## DESIGN

Product Type	Luxury Vinyl Tile - Flexible
Overall Thickness	2.5mm 5.0mm
Wear Layer	20 mil (0.5mm)
Finish	M-Force™ Ultra
Colors	8
Size	
Actual	18" x 36"
Nominal	18" x 36"
Emboss	Overall
Edge Profile	Squared Edge
Installation & Adhesive	2.5mm Glue Down 5.0mm Loose Lay
Packaging	
Flex 2.5mm	12 pcs per carton / 54 sq ft per carton
Flex 5.0mm	6 pcs per carton / 27sq ft per carton

For detailed adhesive and installation information  
visit [mohawkgroup.com](http://mohawkgroup.com)

## PERFORMANCE

Construction	Commercial Flexible Luxury Vinyl Tile
Classification	ASTM F1700 - Class III, Type B - Embossed
Squareness	ASTM F2421 - Passes - $\pm 0.10"$ max
Size and Tolerance	ASTM F2421 - Passes - $\pm 0.016"/$ linear foot
Thickness	ASTM F386 - Passes, as specified $\pm .005"$
Flexibility	ASTM F137 - Passes - 1" mandrel
Dimensional Stability	ASTM F2199 - Passes - 0.020"/linear foot max
Static Load Limit	ASTM F970 - Passes, modified at 1000 psi
Residual Indentation	ASTM F1914 - Passes, Avg less than 8%, Max Single Reading 10%
Resistance to Chemicals	ASTM F925 - Passes - No more than a slight change
Resistance to Light	ASTM F1515 - Passes, $\Delta E \leq 8$
Resistance to Heat	ASTM F1514 - Passes, $\Delta E \leq 8$
Critical Radiant Flux	ASTM E648 - Class 1 ( $>0.45$ W/cm <sup>2</sup> )
Smoke Density	ASTM E662 - Meets, 450 or less
Slip Resistance	NFSI B101.1/B101.3 Slip Resistant Certified
Fractal D Value	1.53

## SUSTAINABILITY

Certification	FloorScore® Certified
Carbon	Net-Positive Carbon (Neutral +5%)

## SERVICE

Warranties	Limited 20 Year M-Force™ Ultra Commercial
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For detailed warranty information visit [mohawkgroup.com](http://mohawkgroup.com)





Mohawk Group

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