



METROFORMS

Flexible Magnetic LVT Shapes **by METROFLOR™**

METROFORMS™ + SKETCHBOX™
THE CURE FOR BORING FLOORING

METROFORMS

Flexible Magnetic LVT Shapes by METROFLOR™

WHY METROFORMS?

FEATURE	BENEFIT
ATTRAXION MAGNETIC ATTACHMENT TECHNOLOGY	<ul style="list-style-type: none">• Eliminates the need for and associated costs of expensive adhesives• Can be easily installed in a fraction of the time compared to glue-down or locking LVT• Magnetic attachment has unmatched sheer strength that holds the floor in place even under heavy commercial traffic• Eliminates the need for additional underlayment systems• Magnetic underlayment can be used when flooring is replaced, significantly reducing labor costs and time on future installations
WORRY-FREE INSTALLATION SYSTEM	<ul style="list-style-type: none">• Eliminates the introduction into the space of VOC's from adhesives• Computers and other electronic devices will not be affected by Attraxion Magnetic Attachment Technology• FloorScore® Certified, thereby promoting good indoor air quality
TOUGH, TRANSPARENT WEAR LAYER WITH FX3 SURFACE PROTECTANT™	<ul style="list-style-type: none">• The ultimate in abrasion protection• Superior stain repellency for easy clean-up• Integrated Ultra-Fresh inhibits the growth of odor and stain causing mold and mildew
MOISTURE-RESISTANT SOLID VINYL CONSTRUCTION	<ul style="list-style-type: none">• Extremely durable, moisture-resistant, dimensionally stable, warm and comfortable under foot• Resists peeling, cracking and delamination• Will not harbor dusts or allergens
AUTHENTIC LOOKS & TEXTURES	<ul style="list-style-type: none">• Realistic wood and stone looks complement any décor• High-definition visuals and rich surface textures deliver a natural appearance at a fraction of the cost• All the beauty of natural wood and stone with none of the drawbacks
APPLICATION VERSATILITY	<ul style="list-style-type: none">• Recommended for Retail, Healthcare, Assisted Living, Hospitality, Multi-Family, Corporate, Educational and Residential environments• Resists water, spills, and moisture• Suitable for baths, laundry rooms, kitchens, and below-grade (basement) applications



Magnetic Installation



100% Waterproof



Beautiful



No Glue



Phthalate Free



No Heavy Metals



Low VOCs



Pet Proof



Abrasion Resistant



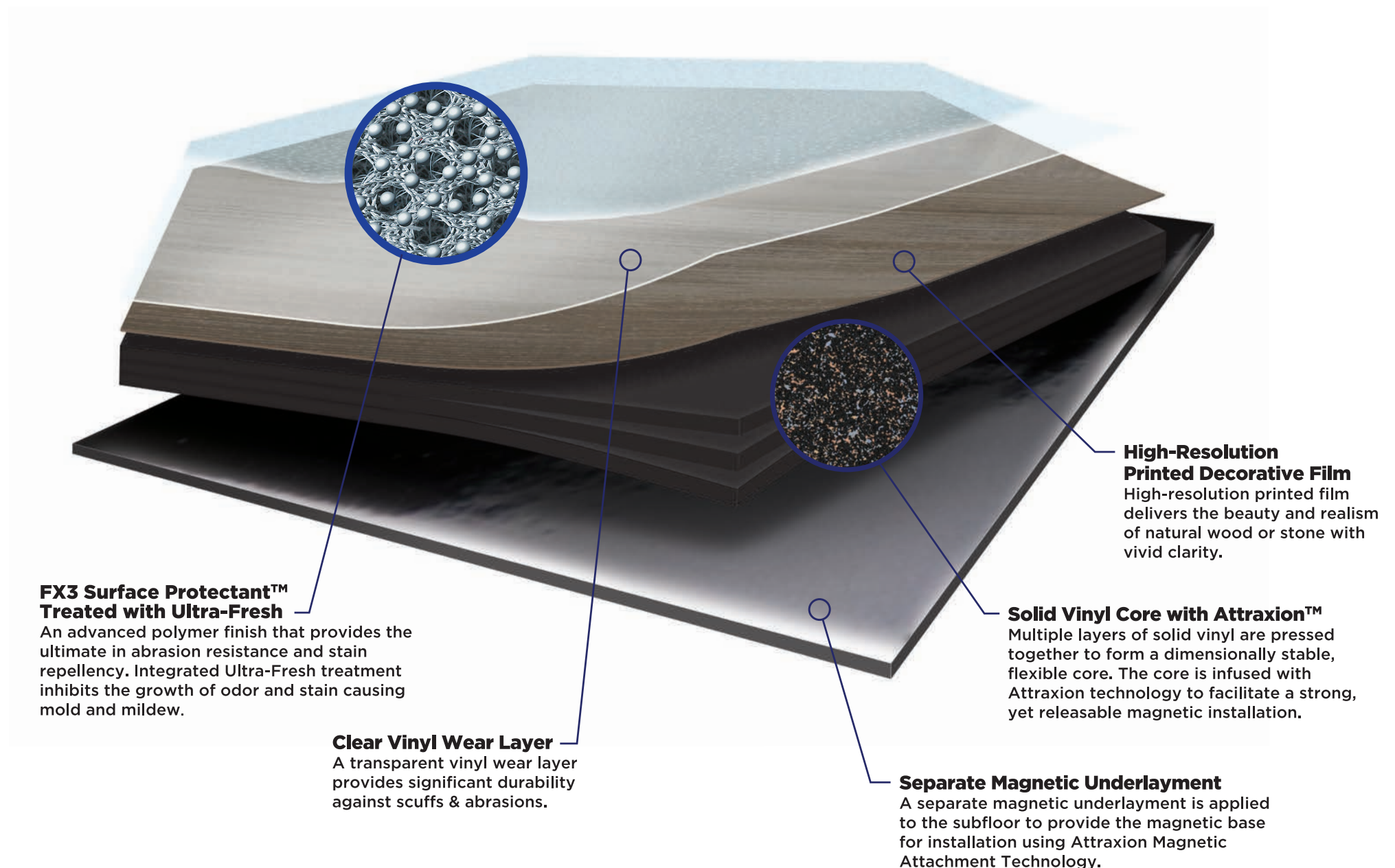
Stain Repellent



Mold Defense

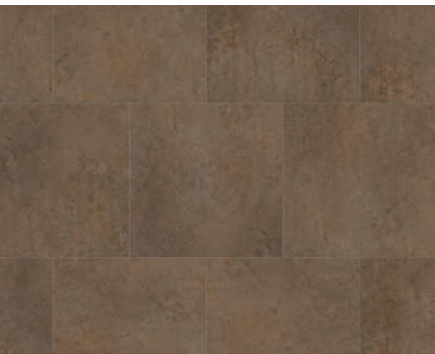
CUSTOM PATTERNED FLOORING AS EASY AS 1-2-3!

Metroforms™ custom floors are installed using Metroflor's exclusive Attraxion Magnetic Attachment Technology™ which saves time and money during the original installation – and again when the time comes to repair and/or replace the flooring. Attraxion provides a forgiving installation that allows minor adjustments to be made during the installation that are not possible with a glued patterned floor. This game-changing magnetic installation technology – combined with the performance and beautiful designs offered in our Deja New line – opens a world of design options never possible before.



DÉJÀ NEW COLOR OPTIONS

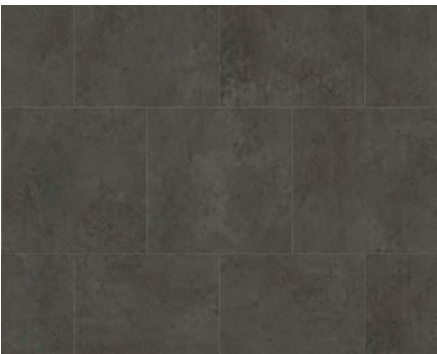
20 MIL / 2.5 MM LVT GAUGE / FX3 SURFACE PROTECTANT / MICRO-BEVELED EDGE



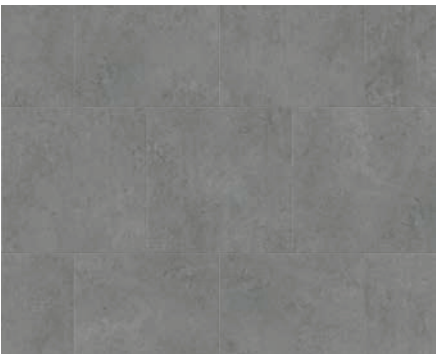
UMBER - DN123807



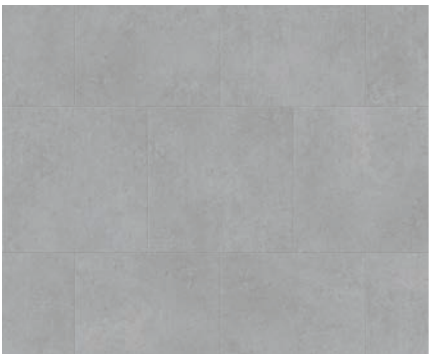
CLAY / DN123809



ANTHRACITE / DN123813



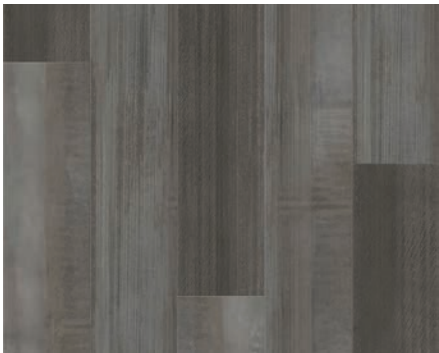
ZINC / DN123814



STONEWARE / DN123815



SOFT WHITE / DN124901



CARBON / DN124904



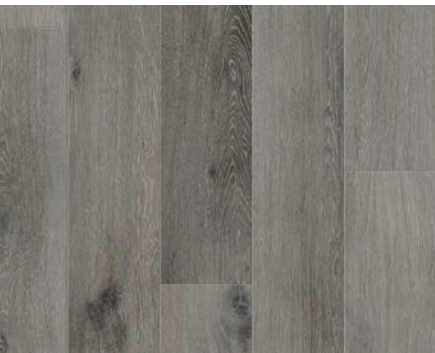
STORMY GREY / DN124905



BRONZE MIST / DN124906



KIWI / DN124907



FLINT GREY / DN1445108



EGGPLANT GREY / DN1445109



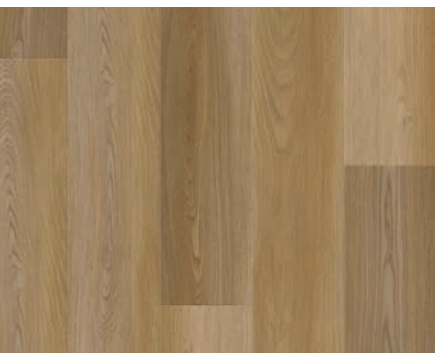
WORN SIENNA / DN1445114



WAXED GREIGE / DN1445117



SAND / DN477101



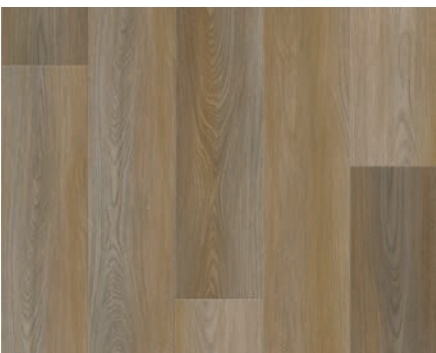
NATURAL BROWN / DN529104



MIST GREY / DN529107



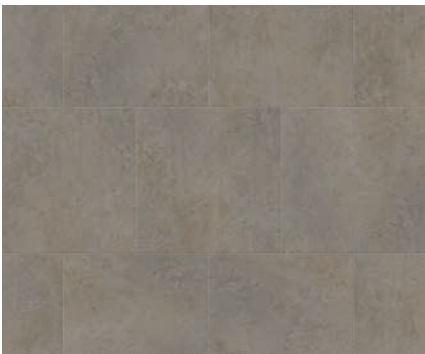
SUN BLEACHED / DN529112



FUMED / DN529113



WEATHERED / DN821822



DOLOMITE / DN123818



CRETE / DN124104



CHALK / DN124105



GREIGE / DN124114



WASHED SIENNA / DN124115



POPPY / DN124909



LUCKY RED / DN124910



INDIGO / DN124912



NORDIC HAZE / DN1445101



PUMICE WASHED / DN1445105



LIMESTONE / DN477102



SMOKE / DN477103



COOL GREY / DN477104



FADED DENIM / DN477105



PEARL WHITE / DN477107



WORN BEIGE / DN821823



GREYED / DN821826



OXIDIZED / DN821828



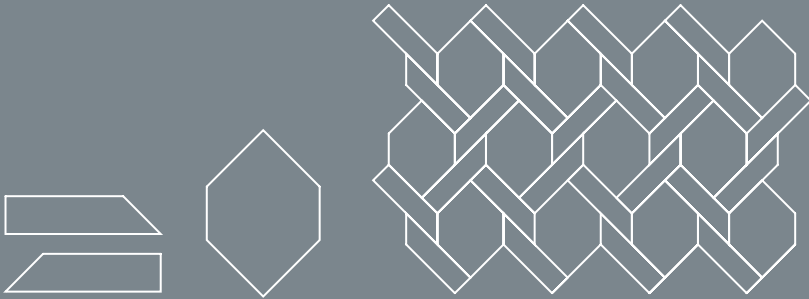
CHEVRON

A bold and beautiful traditional chevron motif.



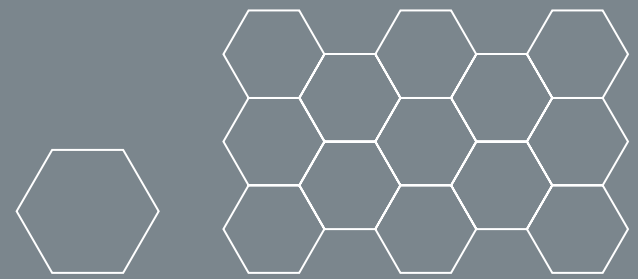
MANSION WEAVE

The mid-century influence is a post-modern spin on the classic chain link weave featured in this pattern.



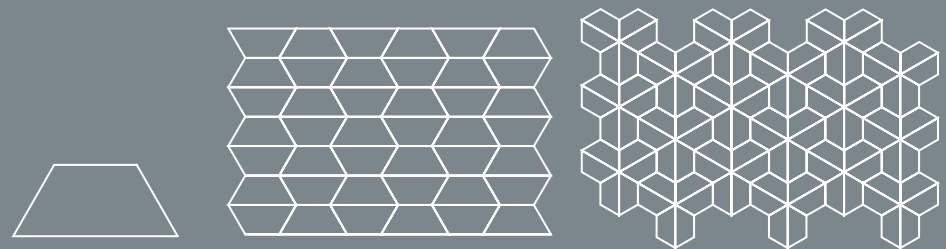
HEXAGON

Create a popular honeycomb pattern or combine with Cube and Chevrony for a unique fractal design.



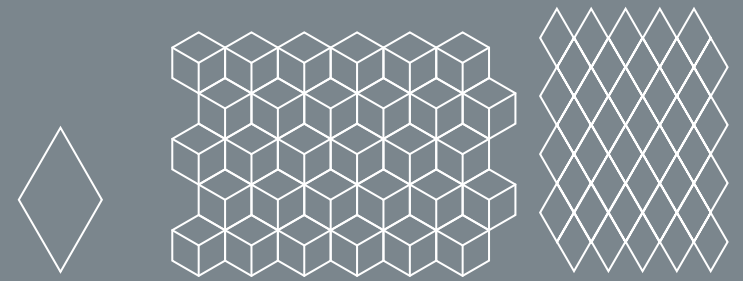
CHEVRONY

A versatile quadrilateral shape that can stand alone for a distinctive design or combined with Hexagon or Cube to form a more complex pattern for the floor.



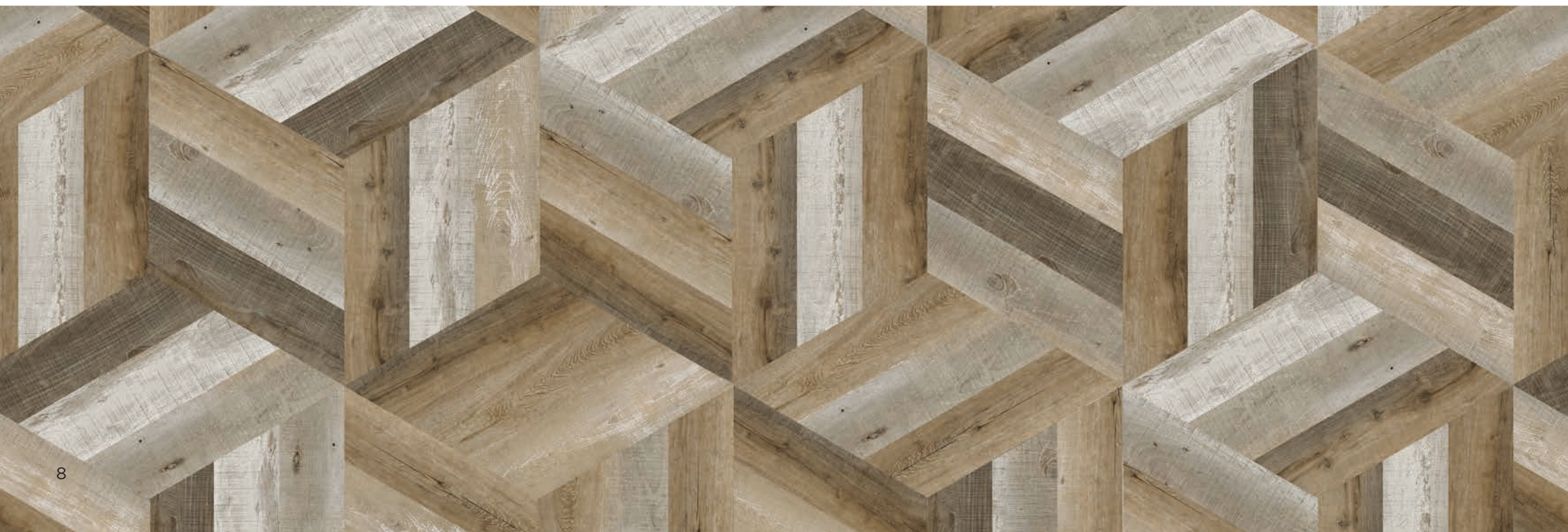
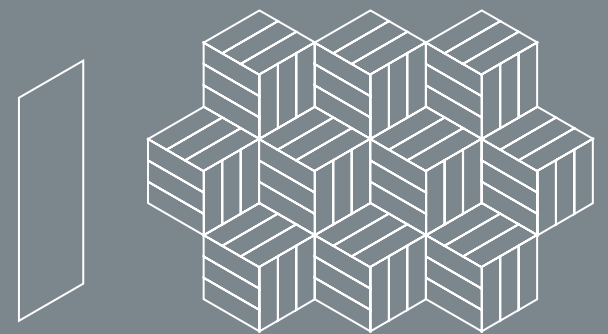
CUBE

This Cubisim-inspired design changes each time you see it - first a cube, then a star - a truly dynamic shape for pattern work.



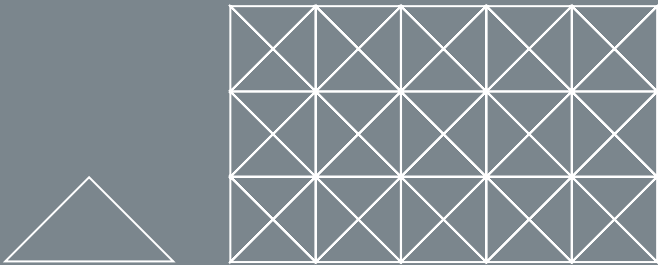
CHEVRON HEX

Comprised of individual chevron pieces that together can span parallelograms, cubes with a look reminiscent of Celtic knots.



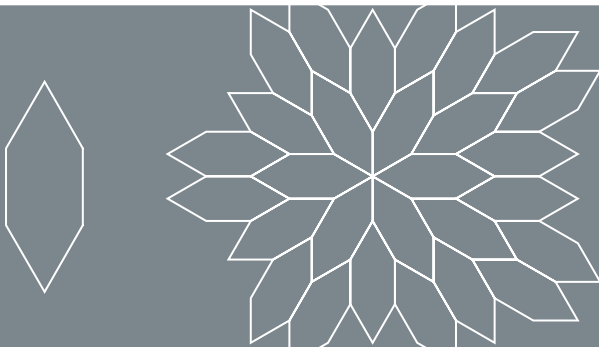
TRIANGLE IN SQUARE

Mix and match colors and textures to create a bold Harlequin-inspired floor.



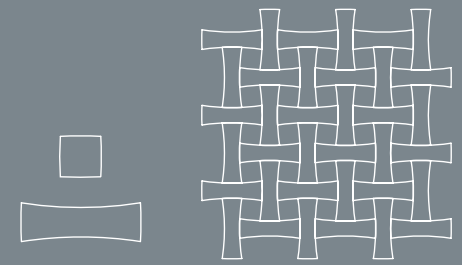
DIAMOND

Elongated six-sided diamond shape can create a geometric pattern or the look of a floral sunburst.



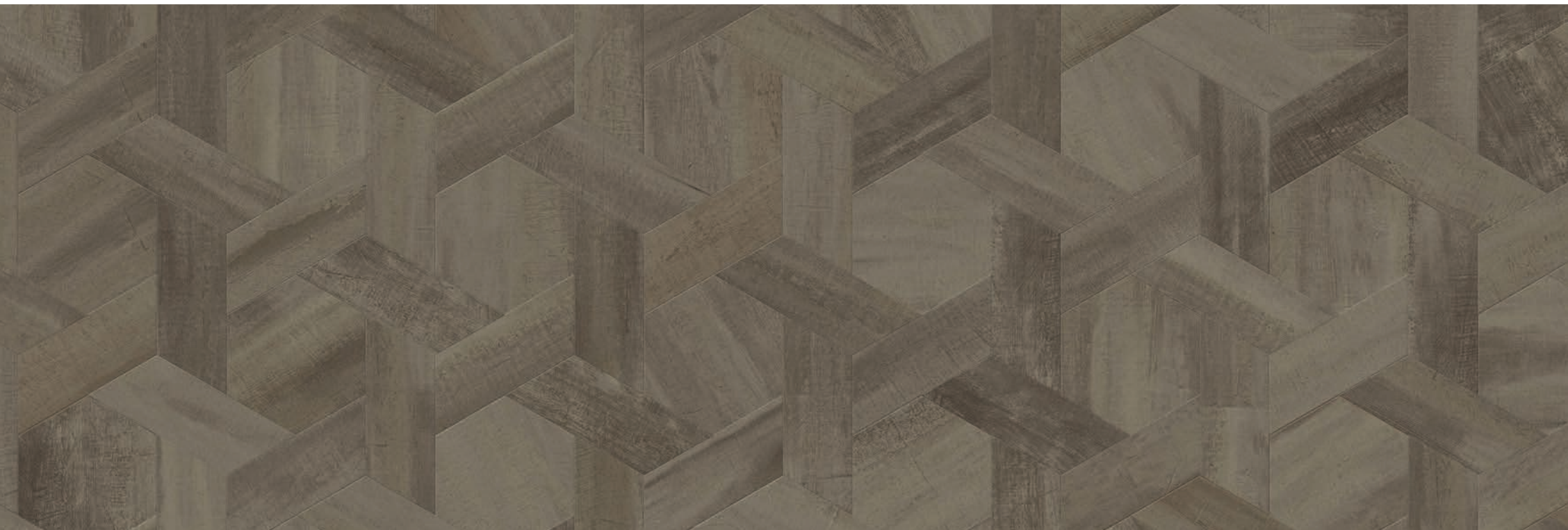
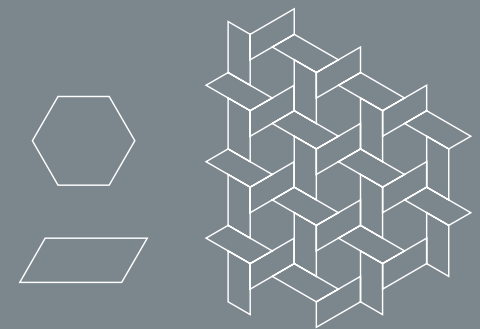
PATCHES

A modern take on the classic basketweave pattern.



CHEVRON WEAVE

A classic woven pattern highlighting the popular hexagon shape with a complex interplay of chevrons.



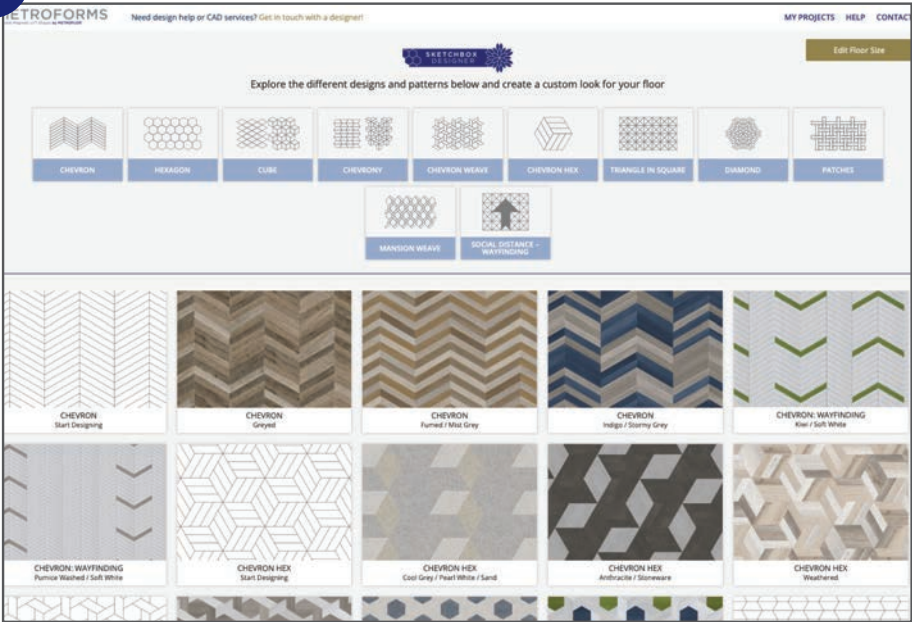
SKETCHBOX™ ONLINE DESIGN TOOL MAKES DESIGNING CUSTOM FLOORS CHILD’S PLAY!

Metroforms combines a portfolio of 10 shapes and patterns and 38 colors of Metorflor LVT Déjà New with our interactive Sketchbox design tool to streamline the custom floor design process and offer a seemingly endless array of design possibilities. Based on the design selection and user-specified dimensions, Sketchbox will calculate the amount of Metroforms material required for installation, provide a virtual room photo (using your own photo or room scenes provided), and specifications. Find out more at www.metroflor.com/metroforms.

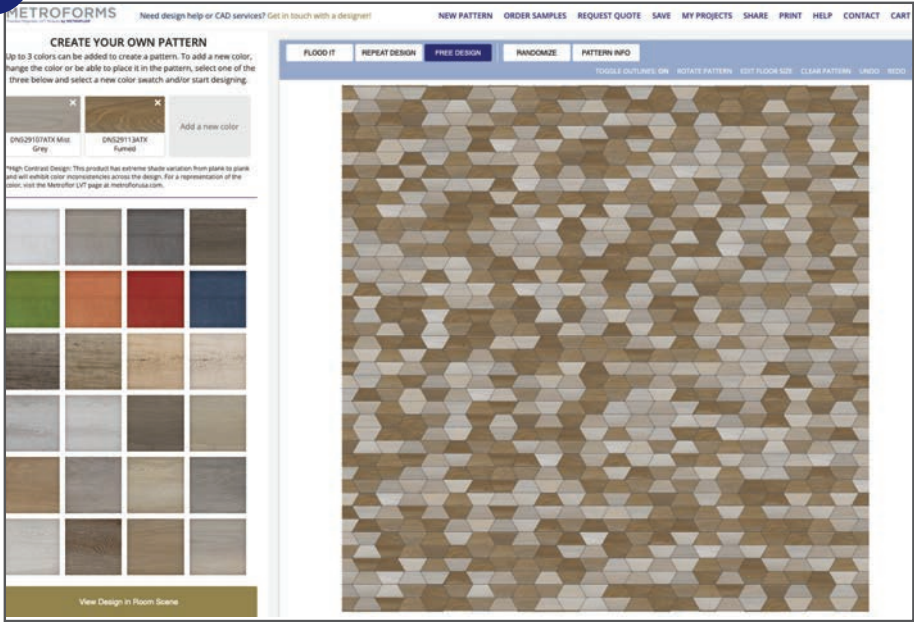
1 Enter the room dimensions



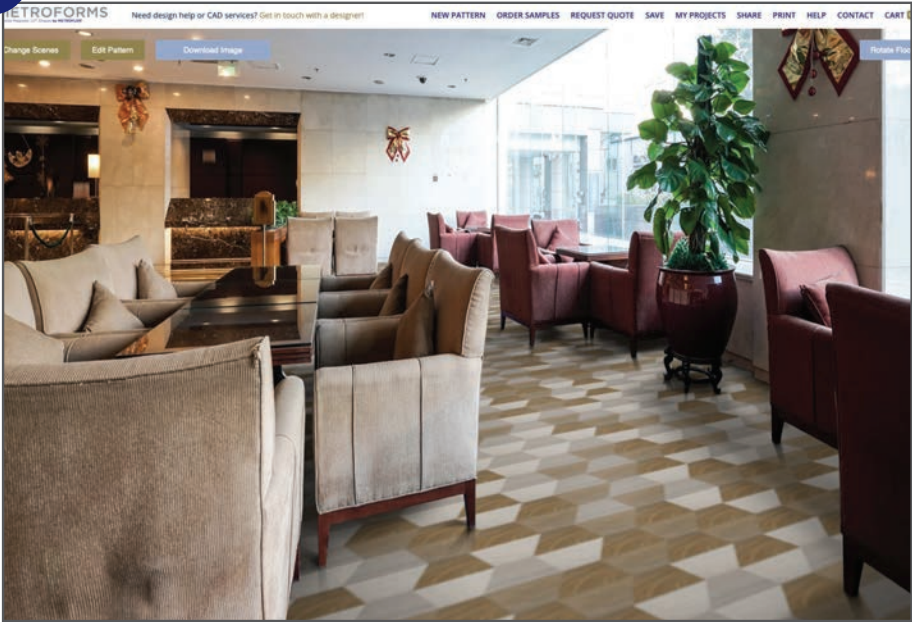
2 Select a design



3 Create your pattern

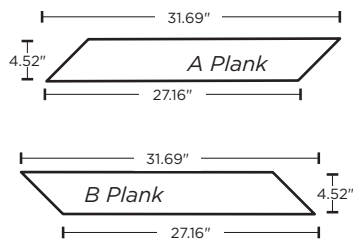


4 View your pattern in a room scene

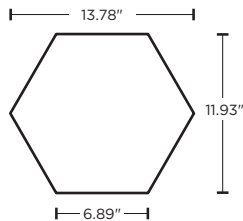


SAVE, SHARE, PRINT YOUR DESIGN

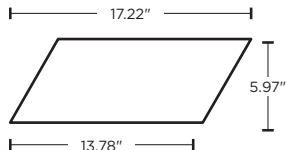
TECHNICAL DATA



S19 Chevron
(S19A, S19B)

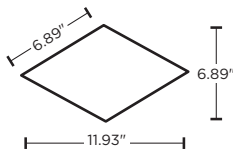


S04 Hexagon
S16 Chevron Weave (S16A)

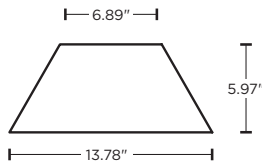


S16 Chevron Weave
(S16B)

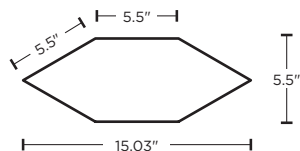
SIZES & PACKAGING			
PRODUCT	S19 Chevron (S19A, S19B)	S04 Hexagon, S16 Chevron Weave (S16A)	S16 Chevron Weave (S16B)
SIZE	4.52 x 27.16 in. (115 x 690 mm)	11.93 x 13.78 in. (303.1 x 350 mm)	5.97 x 13.78 in. (151.5 x 350 mm)
COVERAGE - CARTON	36 Pieces/Carton (18 each of S19A & S19B) (30.7 Sq.Ft. / 2.86 Sq.M.)	36 Pieces/Carton (30.8 Sq.Ft. / 2.86 Sq.M.)	36 Pieces/Carton (20.6 Sq.Ft. / 1.91 Sq.M.)
COVERAGE - PALLET	64 Cartons/Pallet (1,968 Sq.Ft. / 182.8 Sq.M.)	60 Cartons/Pallet (1,850 Sq.Ft. / 171.9 Sq.M.)	80 Cartons/Pallet (1,644 Sq.Ft. / 152.7 Sq.M.)
COVERAGE - CONTAINER	20 Pallets/Container (39,358 Sq.Ft. / 3,656 Sq.M.)	22 Pallets/Container (40,698 Sq.Ft. / 3,781 Sq.M.)	24 Pallets/Container (39,460 Sq.Ft. / 3,666 Sq.M.)



S06 Cube

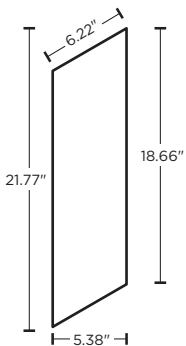


S07 Chevrony

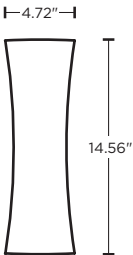


S12 Diamond

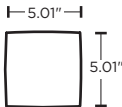
SIZES & PACKAGING			
PRODUCT	S06 Cube	S07 Chevrony	S12 Diamond
SIZE	6.89 x 11.93 in. (175 x 303.1 mm)	5.97 x 13.78 in. (151.6 x 350 mm)	5.5 x 15.03 in. (139.7 x 381.7 mm)
COVERAGE - CARTON	60 Pieces/Carton (17.1 Sq.Ft. / 1.59 Sq.M.)	60 Pieces/Carton (25.7 Sq.Ft. / 2.39 Sq.M.)	60 Pieces/Carton (23.5 Sq.Ft. / 2.19 Sq.M.)
COVERAGE - PALLET	96 Cartons/Pallet (1,644 Sq.Ft. / 152.8 Sq.M.)	80 Cartons/Pallet (2,055 Sq.Ft. / 191.0 Sq.M.)	80 Cartons/Pallet (1,882 Sq.Ft. / 174.8 Sq.M.)
COVERAGE - CONTAINER	24 Pallets/Container (39,465 Sq.Ft. / 3,666 Sq.M.)	20 Pallets/Container (41,109 Sq.Ft. / 3,819 Sq.M.)	20 Pallets/Container (37,631 Sq.Ft. / 3,496 Sq.M.)



S01 Chevron Hex



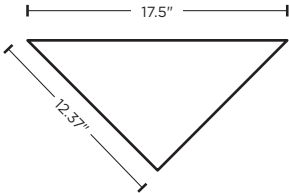
S14 Patches
(S14A)



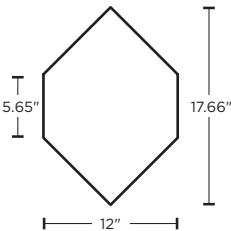
S14 Patches
(S14B)

SIZES & PACKAGING

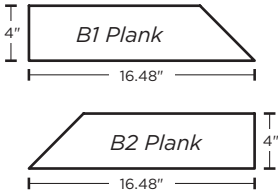
PRODUCT	S01 Chevron Hex	S15 Patches (S14A)	S14 Patches (S14B)
SIZE	5.38 x 18.66 in. (136.8 x 474 mm)	4.72 x 14.56 in. (120 x 370 mm)	5.01 x 5.01 in. (127.3 x 127.3 mm)
COVERAGE - CARTON	36 Pieces/Carton (25.1 Sq.Ft. / 2.33 Sq.M.)	60 Pieces/Carton (24.1 Sq.Ft. / 2.24 Sq.M.)	60 Pieces/Carton (10.3 Sq.Ft. / 0.96 Sq.M.)
COVERAGE - PALLET	80 Cartons/Pallet (2,010 Sq.Ft. / 186.8 Sq.M.)	80 Cartons/Pallet (1,931 Sq.Ft. / 179.4 Sq.M.)	144 Cartons/Pallet (1,483 Sq.Ft. / 137.7 Sq.M.)
COVERAGE - CONTAINER	20 Pallets/Container (40,209 Sq.Ft. / 3,736 Sq.M.)	20 Pallets/Container (38,611 Sq.Ft. / 3,587 Sq.M.)	26 Pallets/Container (38,551 Sq.Ft. / 3,582 Sq.M.)



S10 Triangle in
Square



S15 Mansion Weave
(S15A)



S15 Mansion Weave
(S15B1, S15B2)

SIZES & PACKAGING

PRODUCT	S10 Triangle in Square	S15 Mansion Weave (S15A)	S15 Mansion Weave (S15B1, S15B2)
SIZE	12.37 x 17.5 in. (314.3 x 444.5 mm)	12 x 17.66 in. (304.8 x 448.5 mm)	4 x 16.48 in. (101.6 x 418.7 mm)
COVERAGE - CARTON	60 Pieces/Carton (31.9 Sq.Ft. / 2.96 Sq.M.)	30 Pieces/Carton (29.1 Sq.Ft. / 2.71 Sq.M.)	60 Pieces/Carton (30 each of S15B1 & S15B2) (24.1 Sq.Ft. / 2.24 Sq.M.)
COVERAGE - PALLET	64 Cartons/Pallet (2,042 Sq.Ft. / 189.7 Sq.M.)	64 Cartons/Pallet (1,865 Sq.Ft. / 173.3 Sq.M.)	80 Cartons/Pallet (1,931 Sq.Ft. / 179.4 Sq.M.)
COVERAGE - CONTAINER	24 Pallets/Container (49,000 Sq.Ft. / 4,552 Sq.M.)	20 Pallets/Container (37,302 Sq.Ft. / 3,465 Sq.M.)	20 Pallets/Container (38,627 Sq.Ft. / 3,589 Sq.M.)

PHYSICAL PROPERTIES & PACKAGING - MAGNEBUILD MAGNETIC UNDERLAYMENT

USE	Commercial & Residential
SIZE	3 x 33.3 ft. (0.91 x 10.15 m.)
THICKNESS	1.0 mm (0.039 in.)
COVERAGE - ROLL	100 Sq.Ft. (9.29 Sq.M.)

NOTES

According to the manufacturer, Magnetic Building Solutions, the MagenBuild magnetic underlayment has passed the relevant fire safety tests. For detailed information on the fire safety as well as other safety and performance tests, please go to www.magneticbuildingsolutions.com.

TECHNICAL DATA

PHYSICAL PROPERTIES & PACKAGING (FLOATING SOLID VINYL TILE FLOORING WITH MAGNETIC ATTACHMENT TECHNOLOGY)

USE	Commercial & Residential (<i>Refer to the Recommended Use PDF for Recommended Commercial Areas</i>)
THICKNESS - LVT	2.5 mm (0.098 in.)
THICKNESS - MAGNEBUILD UNDERLAYMENT (ROLL)	0.76 mm (0.030 in.)
THICKNESS - INSTALLED SYSTEM	3.26 mm (0.128 in.)
THICKNESS - WEAR LAYER	0.5 mm (20 mil)
PROFILE	Micro-Bevel Edge
FINISH	FX3 Surface Protectant™ with Ultra-Fresh
LIMITED WARRANTY	15-Year Commercial / Lifetime Residential

STANDARDS — MANUFACTURING & USAGE (ASTM F1700)

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM F1700	Classification	Refer to Standard	Class III, Type B
ASTM F1700	Physical Characteristics / Tolerances	Refer to Standard	Passes Requirements ¹
ASTM F1914	Residual Indentation	Average: < 8%., Any Sample ≤ 10%	Passes Requirements ²
ASTM F137	Flexibility	No Crack or Break, 1-in. (25.4 mm) Mandrel	Passes Requirements
ASTM F2199	Dimensional Stability	≤ 0.020 in./lin. ft (0.51 mm/305 mm)	Passes Requirements
ASTM F925	Chemical Resistance	No More Than "Slight Change"	Passes Requirements
ASTM F1514	Resistance to Heat	Average ΔE < 8.0	Passes Requirements
ASTM F1515	Resistance to Light	Average ΔE < 8.0	Passes Requirements

STANDARDS — SAFETY & PERFORMANCE

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: ≥ 0.45 W/Sq. cm.	Passes Requirements ³
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements ⁴
CDPH Standard Method v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Passes Requirements
REACH SVHC 191	Substances of Very High Concern	Per Substance: ≤ 0.1% w/w weight/weight)	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard (Table 1)	Passes Requirements
CPSC-CH-C1001-09.3	Phthalates	Per CPSIA ⁴ ≤ 0.1% per Substance	Passes Requirements
ASTM G21	Antifungal Activity	N/A (No Official Requirements)	Top Surface: 0 (No Growth)
ASTM D2047	Coefficient of Friction / Slip Resistance	N/A (No Official Requirements)	≥ 0.6 (Dry)
ANSI ESD STM97.2	Body Voltage	N/A (No Official Requirements)	Average (Abs) ≤ 2.0 kV ²
ASTM F970	Static Load	N/A (No Official Requirements)	0.005 in., 800 psi ²
ASTM F2753	Rolling Load	N/A (No Official Requirements)	Intact Seam, 0.004 in. Indent, 500 cycles ²
ASTM D4060	Abrasion Resistance	N/A (No Official Requirements)	Average ≥ 20,000 cycles

STANDARDS — SAFETY & PERFORMANCE

ASSEMBLY	ASTM E90	ASTM E492	ASTM E2179	RESULTS
Metroforms with Attraxion LVT Installed with MagneBuild Underlaymnet Over 6" Concrete Slab with Drop-Ceiling	STC 62	IIC 51	Not Applicable	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings

NOTES

- (1) ASTM F1700 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, and Wear Layer Thickness (Commercial Class).
- (2) ASTM F1914 (Residual Indentation, ANSI ESD STM97.2 (Body Voltage), ASTM F970 (Static Load), ASTM F2753 (Rolling Load) - results are from tests conducted on an Attraxion system (Metroforms with Attraxion LVT + Magnebuild Underlayment).
- (3) ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code.
- (4) ASTM E662 - Smoke Density: 450 is the limit established by many state, county, and/or local building and/or fire codes, but is not set as a limit for (resilient) flooring products nationwide. Thus, Smoke Density requirements for flooring products may vary from jurisdiction to jurisdiction. Consult your building inspector / fire marshall to learn more.
- (5) CPSIA = Consumer Product Safety Improvement Act.

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WHAT YOU STAND ON IS WHAT WE STAND FOR

OUR QUALITY STANDARDS

Metroflor delivers high style, durability and easy maintenance. It is manufactured using the latest technology and to international standards and quality assurance based on ISO 14001 and ISO 9001.



Swatch images within this brochure are shown for reference only and do not reflect final product color match.

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