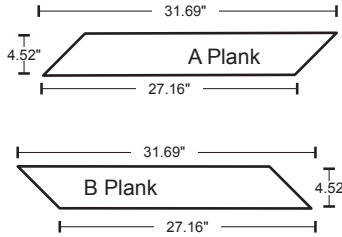
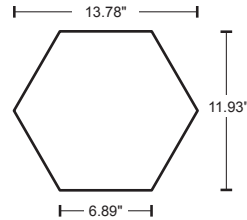


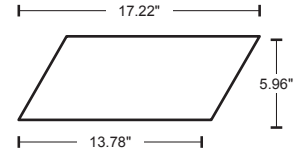
METROFORMS TECHNICAL DATA SHEET



S19 Chevron
(S19A, S19B)



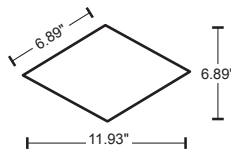
S04 Hexagon
S16 Chevron Weave (S16A)



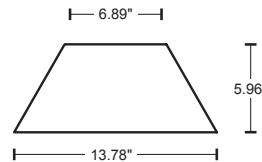
S16 Chevron Weave
(S16B)

SIZES & PACKAGING

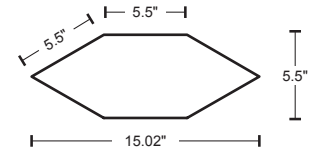
Product	S19 Chevron (S19A, S19B)	S04 Hexagon, S16 Chevron Weave (S16A)	S16 Chevron Weave (S16B)
Size	4.52" x 27.16" (115mm x 690mm)	13.78" x 11.93" (350mm x 303.1mm)	13.78" x 5.96" (350mm x 151.5mm)
Coverage/Carton	36 Pieces (18 Each of S19A & S19B) (30.75 Sq.Ft. / 2.86 Sq.M.)	36 Pieces / Carton (30.83 Sq.Ft. / 2.86 Sq.M.)	36 Pieces / Carton (20.55 Sq.Ft. / 1.91 Sq.M.)
Coverage/Pallet	64 Cartons / Pallet (1,967.9 Sq.Ft. / 182.8 Sq.M.)	60 Cartons / Pallet (1,849.9 Sq.Ft. / 171.9 Sq.M.)	80 Cartons / Pallet (1,644.4 Sq.Ft. / 152.8 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 (39,465 Sq.Ft. / 3,666 Sq.M.)



S06 Cube



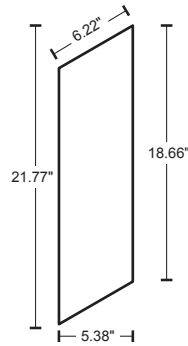
S07 Chevrony



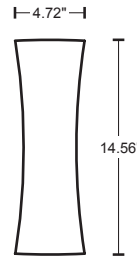
S12 Diamond

SIZES & PACKAGING

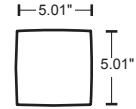
Product	S06 Cube	S07 Chevrony	S12 Diamond
Size	6.89" x 11.93" (175mm x 303.1mm)	13.78" x 5.96" (350mm x 151.5mm)	5.5" x 15.02" (139.7mm x 381.6mm)
Coverage/Carton	60 Pieces / Carton (17.13 Sq.Ft. / 1.59 Sq.M.)	60 Pieces / Carton (25.69 Sq.Ft. / 2.39 Sq.M.)	60 Pieces / Carton (23.52 Sq.Ft. / 2.19 Sq.M.)
Coverage/Pallet	96 Cartons / Pallet (1,644.4 Sq.Ft. / 152.8 Sq.M.)	80 Cartons / Pallet (2,055.5 Sq.Ft. / 191.0 Sq.M.)	80 Cartons / Pallet (1,881.5 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



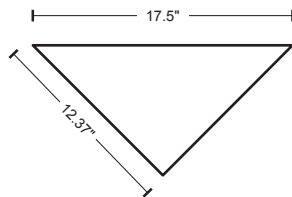
**S14 Patches
(S14A)**



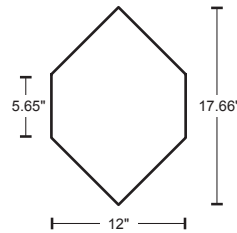
**S14 Patches
(S14B)**

SIZES & PACKAGING

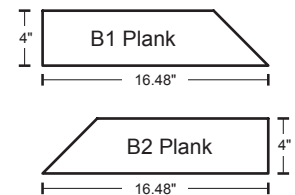
Product	S01 Chevron Hex	S14 Patches (S14A)	S14 Patches (S14B)
Size	5.38" x 18.66" (136.8mm x 474mm)	14.56" x 4.72" (370mm x 120mm)	5.01" x 5.01" (127.3mm x 127.3mm)
Coverage/Carton	36 Pieces / Carton (25.13 Sq.Ft. / 2.33 Sq.M.)	60 Pieces / Carton (24.13 Sq.Ft. / 2.24 Sq.M.)	60 Pieces / Carton (10.30 Sq.Ft. / 0.96 Sq.M.)
Coverage/Pallet	80 Cartons / Pallet (2,010.4 Sq.Ft. / 186.8 Sq.M.)	80 Cartons / Pallet (1,930.5 Sq.Ft. / 179.4 Sq.M.)	144 Cartons / Pallet (1,482.6 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 (38,548 Sq.Ft. / 3,581 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" (314.3mm x 444.5mm)	12" x 17.66" (304.8mm x 448.5mm)	16.48" x 4" (418.7mm x 101.6mm)
Coverage/Carton	60 Pieces / Carton (31.90 Sq.Ft. / 2.96 Sq.M.)	30 Pieces / Carton (29.14 Sq.Ft. / 2.71 Sq.M.)	60 Pieces / Carton (24.14 Sq.Ft. / 2.24 Sq.M.)
Coverage/Pallet	64 Cartons / Pallet (2,041.7 Sq.Ft. / 189.7 Sq.M.)	64 Cartons / Pallet (1,865.1 Sq.Ft. / 173.3 Sq.M.)	80 Cartons / Pallet (1,931.4 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	
Construction	Solid Vinyl Tile/LVT w/ Attraxion Magnetic Attachment Technology
Use	Commercial & Residential
Wear Layer	20 mil (0.5mm)
Edge Detail	Square Edge
Finish	FX ³ Surface Protectant with Ultra-Fresh
Gauge	Metroforms with Attraxion LVT - 2.5mm (0.098") MagneBuild Underlayment (Roll) - 1.0mm (0.039") Installed System - 3.5mm (0.138")
Limited Warranty	Commercial: 15 Years / Residential: Limited Lifetime

STANDARDS - MANUFACTURING & USAGE (ASTM F1700)			
Standard	Description	Requirements	Results
ASTM F1700	Classification	Refer to Standard	Class III, Type B
ASTM F386	Thickness	Tolerance: ±0.005" vs. Nominal	Passes Requirements
ASTM F410	Wear Layer Thickness	Commercial Classification: ≥ 0.020" (0.5mm)	Passes Requirements
ASTM F1914	Residual Indentation	Average < 8% Maximum - Any Sample ≤ 10%	Passes Requirements ¹
ASTM F137	Flexibility	No cracks/breaks (1"/25.4mm Mandrel)	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: ≥ 045 W/Sq.Cm.	Passes Requirements ²
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements ³
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	Passes Requirements
ASTM D7823/ CPSC-CH-C1001-09.3	Phthalates	Refer to Consumer Product Safety Improvement Act (CPSIA)	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): ≤ 2.0kV ¹
ASTM F970	Static Load Limit	Test to Limit (±0.005")	≥ 800 psi ¹
ASTM D4060	Abrasion Resistance	N/A (No Official Requirements)	Average: ≥ 20,000 cycles

STANDARDS - SOUND				
Product + Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
Metroforms with Attraxion LVT Installed with MagneBuild Underlayment Over 6" Concrete Slab with Drop-Ceiling	STC 62	IIC 51	Not Applicable	Passes International Building Code requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings

PHYSICAL PROPERTIES & PACKAGING - MAGNEBUILD MAGNETIC UNDERLAYMENT	
Size	3' x 33.3' (0.914m x 10.15m)
Use	Commercial & Residential
Gauge	1.0mm (0.039")
Coverage/Roll	100 Sq. Ft. (9.29 Sq.M.)

Note – According to the manufacturer, Magnetic Building Solutions, the MagneBuild 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 visit www.magneticbuildingsolutions.com.

NOTES

1) ASTM F1914 (Residual Indentation), ANSI ESD STM97.2 (Body Voltage), ASTM F970 (Static Load Limit) - results are from tests conducted on an Attraxion system (Metroforms with Attraxion LVT + MagneBuild Underlayment)

2) ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code

3) 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 marshal to learn more

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