

PAVER APPLICATIONS CHART

Designing with pavers requires a holistic, system-based approach. Installation method, laying pattern, and paver shape and size all play a role in creating pavements that can reliably support anticipated project loads. The recommended applications in the following chart are based on pavers installed over a typical aggregate base. For guidance on achieving higher load-bearing performance, please contact your Unilock Representative.



APPLICATION DEFINITIONS

Permeable

These pavers feature wider joints filled with open-graded aggregate and work in conjunction with an open-graded base to promote rapid rainwater infiltration, making them ideal for areas that require an effective stormwater management solution.

Pedestrian

Suitable for areas with pedestrian traffic only. Common applications include walkways, plazas, courtyards, and patios.

Light-Duty Vehicular

Suitable for areas exposed to cars, service vehicles, and pickup trucks up to ½ ton. Common applications include residential driveways, private laneways, plazas and courtyards.

Heavy-Duty Vehicular

Suitable for areas subjected to heavy commercial traffic, including box trucks, semi-trailers, buses emergency vehicles, and applications requiring H-20 load rating compliance. Common applications include municipal streets, parking lots, fire lanes, and industrial yards.

Shape	Length & Width		Thickness		Applications			
	Imperial (")	Metric (mm)	Imperial (")	Metric (mm)	Permeable	Pedestrian	Light-Duty Vehicular	Heavy-Duty Vehicular
36 x 36	35 1/2 x 35 1/2	900 x 900	3 7/8	100		✓	✓	
24 x 48"	23 13/16 x 47 7/8	604.8 x 1214.4	2 1/2	63.5		✓		
24 x 36"	23 13/16 x 35 13/16	604.8 x 909.6	2	51		✓		
24 x 24"	23 13/16 x 23 13/16	604.8 x 604.8	2	51		✓		
24 x 24"	23 5/8 x 23 5/8	600 x 600	2 3/8	60		✓		
24 x 24"	23 5/8 x 23 5/8	600 x 600	2 3/4	70		✓		
22 1/2 x 37 1/2"	22 1/2 x 37 3/8	570 x 950	2 3/8	60		✓		
21 x 35 1/2"	21 1/4 x 35 1/2	540 x 900	2 3/8	60		✓		
18 x 36"	17 13/16 x 35 13/16	452.4 x 909.6	2	51		✓		
18 x 36"	17 3/4 x 35 1/2	450 x 900	2 3/8	60		✓		
18 x 36"	17 3/4 x 35 1/2	450 x 900	3 7/8	100		✓	✓	
18 x 24"	17 13/16 x 23 13/16	452.5 x 604.8	2	51		✓		
18 x 24"	17 3/4 x 23 5/8	450 x 600	2 3/8	60		✓		
16 x 16"	15 3/4 x 15 3/4	400 x 400	2 3/4	70		✓	✓	
16 x 16"	15 3/4 x 15 3/4	400 x 400	3 1/8	80		✓	✓	
16 x 16"	15 3/4 x 15 3/4	400 x 400	3 7/8	100		✓	✓	
15 x 30"	14 7/8 x 29 5/8	375 x 750	2 3/8	60		✓		
12 x 24"	11 7/8 x 23 13/16	300 x 604.8	2	51		✓		
12 x 24"	11 7/8 x 23 5/8	300 x 600	2 3/4	70		✓		
12 x 24"	11 7/8 x 23 5/8	300 x 600	3 7/8	100		✓	✓	
12 x 12"	11 7/8 x 11 7/8	300 x 300	2 3/4	70		✓	✓	
12 x 12"	11 7/8 x 11 7/8	300 x 300	3 7/8	100		✓	✓	✓

Shape	Length & Width		Thickness		Applications			
	Imperial (")	Metric (mm)	Imperial (")	Metric (mm)	Permeable	Pedestrian	Light-Duty Vehicular	Heavy-Duty Vehicular
9 x 9"	9 x 9	228 x 228	2 3/8	60		✓	✓	
8 x 24"	7 7/8 x 23 5/8	200 x 600	2 3/4	70		✓	✓	
8 x 24"	7 7/8 x 23 5/8	200 x 600	3 7/8	100		✓	✓	
8 x 16"	7 7/8 x 15 3/4	200 x 400	2 3/4	70		✓	✓	
8 x 16"	7 7/8 x 15 3/4	200 x 400	3 7/8	100		✓	✓	✓
8 x 8"	7 7/8 x 7 7/8	200 x 200	2 3/8	60		✓	✓	
8 x 8"	7 7/8 x 7 7/8	200 x 200	2 3/4	70		✓	✓	✓
7 1/2 x 15"	7 1/2 x 15	190 x 380	2 3/8	60		✓		
7 1/2 x 15"	7 1/2 x 15	190 x 380	3 1/8	80		✓	✓	
7 x 14"	7 x 14 1/4	180 x 360	2 3/8	60		✓		
7 x 14"	7 x 14 1/4	180 x 360	2 3/4	70		✓		
7 x 14"	7 x 14 1/4	180 x 360	3 1/8	80		✓	✓	
6 x 24"	5 15/16 x 23 5/8	150 x 600	2 3/4	70		✓	✓	
6 x 12"	5 15/16 x 11 7/8	150 x 300	2 3/4	70		✓	✓	
6 x 12"	5 15/16 x 11 7/8	150 x 300	3 1/8	80		✓	✓	✓
6 x 12"	5 15/16 x 11 7/8	150 x 300	3 7/8	100		✓	✓	✓
6 x 6"	5 15/16 x 5 15/16	150 x 150	2 3/4	70		✓	✓	✓
4 x 16"	3 7/8 x 15 3/4	100 x 400	2 3/4	70		✓	✓	
4 x 16"	3 7/8 x 15 3/4	100 x 400	3 7/8	100		✓	✓	✓
4 x 12 "	3 7/8 x 11 7/8	100 x 300	2 3/4	70		✓	✓	
4 x 12 "	3 7/8 x 11 7/8	100 x 300	3 7/8	100		✓	✓	✓
4 x 8"	3 7/8 x 7 7/8	100 x 200	2 3/8	60		✓	✓	✓
4 x 8"	3 7/8 x 7 7/8	100 x 200	2 3/4	70		✓	✓	✓

Disclaimer: This chart is only a guideline; all pavements require a site-specific design. Please contact your local Unilock Representative for specific design details.

Shape	Length & Width		Thickness		Applications			
	Imperial (")	Metric (mm)	Imperial (")	Metric (mm)	Permeable	Pedestrian	Light-Duty Vehicular	Heavy-Duty Vehicular
4 x 8"	3 7/8 x 7 7/8	100 x 200	3 1/8	80		✓	✓	✓
3 x 12"	2 15/16 x 11 7/8	75 x 300	3 7/8	100		✓	✓	✓
2 3/8 x 9 1/2"	2 3/8 x 9 1/2	60 x 240	2 3/8	60		✓	✓	
2 3/8 x 9 1/2"	2 3/8 x 9 1/2	60 x 240	2 3/4	70		✓	✓	
ADA Paver - 12 x 12"	11 7/8 x 11 7/8	304.8 x 304.8	2 3/4	70		✓		
AnchorLock™	8 7/8 x 8 7/8	225 x 225	3 1/8	80		✓	✓	✓
Arcana™ - 12 x 24"	11 7/8 x 23 7/8	301 x 606	2	50		✓		
Arcana™ - 18 x 24"	17 7/8 x 23 7/8	453 x 606	2	50		✓		
Arcana™ - 24 x 24"	23 7/8 x 23 7/8	606 x 606	2	50		✓		
Artline™ Platform	4 7/8 x 6 3/4, 4 7/8 x 10 3/8, 4 7/8 x 13 3/8, 4 7/8 x 17 3/4, 7 1/2 x 8 7/8, 7 1/2 x 13 3/8, 7 1/2 x 17 3/4	125 x 169, 125 x 262.5, 125 x 337.5, 125 x 450, 187.5 x 225, 187.5 x 337.5, 187.5 x 450	2 3/4	70		✓		
Artline™ Platform	4 7/8 x 6 3/4, 4 7/8 x 10 3/8, 4 7/8 x 13 3/8, 4 7/8 x 17 3/4, 7 1/2 x 8 7/8, 7 1/2 x 13 3/8, 7 1/2 x 17 3/4	125 x 169, 125 x 262.5, 125 x 337.5, 125 x 450, 187.5 x 225, 187.5 x 337.5, 187.5 x 450	3 7/8	100		✓		
Bristol Valley® Platform	7 1/2 x 15, 15 x 15, 15 x 22 1/2	190 x 380, 380 x 380, 380 x 570	2 3/8	60		✓		
Brussels Block® - 8 x 14"	8 1/4 x 13 3/4	208 x 348	2 3/4	70		✓		
Brussels Block® - 7 x 8"	6 7/8 x 8 1/4	173 x 208	2 3/4	70		✓		
Brussels Block® - 4 x 7"	4 x 6 7/8	104 x 173	2 3/4	70		✓		
Copthorne® - 2 1/2 x 8"	2 9/16 7 7/8	65 x 200	2 3/8	60		✓	✓	
Courtstone® Platform	5 x 5, 5 x 5 3/4, 5 x 6 1/2, 5 x 7 3/8, 5 x 8 1/2	130 x 130, 130 x 145, 130 x 165, 130 x 185, 130 x 215	2 3/8	60		✓	✓	
Dura-Mat™	19 3/4 x 19 3/4	500 x 500	3 7/8	100	✓	✓	✓	✓
DuraFlow®	9 7/8 x 9 7/8	250 x 250	3 1/8	80	✓	✓	✓	✓
Eco-Line® Platform	3 5/16 x 9 3/8, 3 5/16 x 11, 3 5/16 x 12 1/2, 3 5/16 x 14, 4 1/2 x 9 3/8, 4 1/2 x 11, 4 1/2 x 12 1/2, 4 1/2 x 14	84 x 237, 84 x 277, 84 x 317, 84 x 357, 114 x 237, 114 x 277, 114 x 317, 114 x 357	3 7/8	100	✓	✓	✓	

Shape	Length & Width		Thickness		Applications			
	Imperial (")	Metric (mm)	Imperial (")	Metric (mm)	Permeable	Pedestrian	Light-Duty Vehicular	Heavy-Duty Vehicular
Eco-Optiloc™	9 7/8 x 9 7/8	250 x 250	3 1/8	80	✓	✓	✓	✓
Eco-Optiloc™ Squares	9 7/8 x 9 7/8	250 x 250	3 1/8	80	✓	✓	✓	✓
Eco-Priora™ - 10 x 10"	9 1/2 x 9 1/2	240 x 240	3 1/8	80	✓	✓	✓	✓
Eco-Priora™ - 5 x 10"	4 3/4 x 9 1/2	120 x 240	3 1/8	80	✓	✓	✓	✓
Eco-Priora™ - 5 x 5"	4 3/4 x 4 3/4	120 x 120	3 1/8	80	✓	✓	✓	✓
Hex™ - 8"	7 7/8 x 7 7/8	200 x 200	2 3/4	70		✓	✓	✓
Load Lock™ - 12 x 24	11 7/8 x 23 5/8	300 x 600	3 7/8	100		✓	✓	✓
Load Lock™ -12 x 12"	11 7/8 x 11 7/8	300 x 300	3 7/8	100		✓	✓	✓
Load Lock™ - 6 x 12"	5 15/16 x 11 7/8	150 x 300	3 7/8	100		✓	✓	✓
Load Lock™ - 6 x 12"	5 15/16 x 11 7/8	150 x 300	6	150		✓	✓	✓
Load Lock™ - 4 x 12 "	3 7/8 x 11 7/8	100 x 300	3 7/8	100		✓	✓	✓
Metro™ Platform	5 x 10, 10 x 10, 10 x 15	125 x 250, 204 x 250, 250 x 375	2 3/4	70		✓		
Metro™ - 5 x 10"	5 x 10	125 x 250	2 3/4	70		✓		
Nordic Cobble™	3 5/8 x 3 3/4	89.9 x 94	2 3/8	60	✓	✓	✓	✓
Optiloc™	10 1/4 x 10 1/4	260 x 260	3 1/8	80		✓	✓	✓
Permeable - 12 x 12"	11 7/8 x 11 7/8	300 x 300	3 7/8	100	✓	✓	✓	✓
Permeable - 6 x 24"	5 15/16 x 23 5/8	150 x 600	2 3/4	70	✓	✓		
Permeable - 6 x 12"	5 15/16 x 11 7/8	152.4 x 304.8	3 1/8	80	✓	✓	✓	
Permeable - 4 x 16"	3 7/8 x 15 3/4	100 x 400	3 7/8	100	✓	✓	✓	
Permeable - 4 x 12 "	3 7/8 x 11 7/8	100 x 300	3 1/8	80	✓	✓	✓	
Permeable EcoTerra™- 4 x 12 "	3 7/8 x 11 7/8	100 x 300	3 1/8	80	✓	✓	✓	
Permeable - 3 x 12"	3 x 11 7/8	75 x 300	3 7/8	100	✓	✓	✓	✓

Shape	Length & Width		Thickness		Applications			
	Imperial (")	Metric (mm)	Imperial (")	Metric (mm)	Permeable	Pedestrian	Light-Duty Vehicular	Heavy-Duty Vehicular
Permeable Hex - 8"	8 1/16 x 8 1/16	205 x 205	2 3/8	60	✓	✓	✓	✓
Permeable Hex - 8"	8 1/16 x 8 1/16	205 x 205	3 1/8	80	✓	✓	✓	
Random Platform 1	7 1/2 x 15, 15 x 15, 15 x 22 1/2	190 x 380, 380 x 380, 380 x 570	2 3/8	60		✓		
Random Platform 1	7 1/2 x 15, 15 x 15, 15 x 22 1/2	190 x 380, 380 x 380, 380 x 570	3 1/8	80		✓	✓	
Random Platform 2	7 x 14 1/4, 14 1/4 x 14 1/4, 14 1/4 x 21 1/4	180 x 360, 360 x 360, 360 x 540	2 3/8	60		✓		
Random Platform 2	7 x 14 1/4, 14 1/4 x 14 1/4, 14 1/4 x 21 1/4	180 x 360, 360 x 360, 360 x 540	3 1/8	80		✓	✓	
Richcliff® - 12 x 21"	11 7/8 x 20 7/8	302 x 528	2 3/8	60		✓		
Richcliff® Platform	5 7/8 x 8 7/8, 8 7/8 x 8 7/8, 8 7/8 x 11 7/8	150 x 226, 226 x 226, 226 x 300	2 3/8	60		✓		
Soreno™ - 16 x 32"	16 x 32 1/16	407 x 815	2	50		✓		
Thornbury™ Platform	8 1/4 x 6 7/8, 8 1/4 x 13 3/4, 13 3/4 x 16 1/2	210 x 173, 210 x 350, 350 x 420	2 3/4	70	✓	✓		
Town Hall®	3 7/8 x 9 7/8	100 x 250	2 3/4	70	✓	✓	✓	
Trapezoid - 9 x 15"	9 x 15	228 x 381	3 1/8	80		✓	✓	
Treo® - 4 5/8 x 9 1/4"	4 5/8 x 9 1/4	116.5 x 233	2 3/8	60	✓	✓	✓	
Treo® Platform	9 1/4 x 4 5/8, 9 1/4 x 9 1/4, 9 1/4 x 13 3/4	233 x 116, 233 x 233, 233 x 349	2 3/8	60	✓	✓		
Treo® Platform	9 1/4 x 4 5/8, 9 1/4 x 9 1/4, 9 1/4 x 13 3/4	233 x 116, 233 x 233, 233 x 349	3 1/8	80	✓	✓	✓	
Tribeca Cobble™ Platform	5 x 6 7/8, 5 x 9, 5 x 12	130 x 175, 130 x 230, 130 x 305	2 3/4	70	✓	✓		
Turfstone™	15 3/4 x 23 5/8	400 x 600	3 1/8	80	✓	✓	✓	✓
Westport™ - 5 x 10"	5 x 10	127 x 254	2 3/4	70		✓	✓	
Westport™ Platform	5 x 10, 10 x 10, 10 x 15	127 x 254, 254 x 254, 254 x 380	2 3/4	70		✓		
Wind Uplift - 24 x 36"	23 13/16 x 35 13/16	604.8 x 909.6	2	51		✓		
Wind Uplift - 24 x 24"	23 13/16 x 23 13/16	604.8 x 604.8	2	51		✓		