

Comparisons to Polyvinyl Chloride (PVC) Decking

Brand	WearDeck	Azek	Wolf	Endeck	Fiberon
Material	HDPE	PVC	PVC	PVC	PVC
Nominal Size	5/4" x 6"	1" x 6"	1" x 6"	5/4" x 6"	1" x 6"
Actual Dimensions	1.05" x 5.5"	1.0" x 5.5"	1.0" x 5.5"	1.0" x 5.5"	1.0" x 5.5"
Weight lbs/ Linear Ft	1.90 lbs	1.5 lbs	1.7 lbs	1.55 lbs	1.58 lbs
100 lbs/SqFt Live Load Capacity	*24" O.C.	16" O.C.	16" O.C.	16" O.C.	16" O.C.
Maximum Stair Tread Span	16" O.C.	10" O.C.	11" O.C.	10" O.C.	Only with Sub Support
Thermal Expansion and Contraction**	1/32"	3/16"	3/16"	3/16"	3/16"

Figures highlighted in **bold blue** represent best in class

***WearDeck supports 120 lbs/SqFt at 24" O.C.**

**Total movement on a 12 ft board at a change of 50°F

Comparisons to PVC

Decking Brand	WearDeck	PVC Decking
Strength	2.7x stronger	X
Strength Loss at High Temperatures (140° - 150°F)	13% loss	avg. 40% loss
Resistant to Sun Blocks	Yes	No
Resistant to Insect Repellent	Yes	No
Strength Loss due to Repeated Wet/Dry Cycles	No	Yes

Comparisons to Wood Plastic Composites (WPCs) and Capped Wood Plastic Composites (CWPCs)

Brand	WearDeck	Trex	TimberTech	MoistureShield	EverGrain	Fiberon
Decking Line Series	WearDeck	Transcend	Legacy	Pro	Envision	Horizon
Material	HDPE	Capped WPC	Capped WPC	Capped WPC	Capped WPC	Capped WPC
Nominal Size	5/4" x 6"	1" x 6"	1" x 6"	5/4" x 6"	1" x 6"	1" x 6"
Actual Dimensions	1.05" x 5.5"	0.94" x 5.5"	0.94" x 5.36"	1.0" x 5.4"	0.984" x 5.5"	0.94" x 5.4"
Weight lbs/Linear Ft	1.90 lbs	2.4 lbs	2.5 lbs	2.35 lbs	2.3 lbs	2.35 lbs
100 lbs/SqFt Live Load Capacity	*24" O.C.	16" O.C.	16" O.C.	16" O.C.	16" O.C.	16" O.C.
Maximum Stair Tread Span	16" O.C.	12" O.C.	10" O.C.	9" O.C.	12" O.C.	12" O.C.
Thermal Expansion and Contraction**	1/32"	3/16"	1/4"	1/4"	3/16"	1/4"

Figures highlighted in **bold blue** represent best in class

***WearDeck supports 120 lbs/SqFt at 24" O.C.**

**Total movement on a 12 ft board at 50°F temperature change

Comparisons to WPCs and CWPCs: Effects of Temperature			
Decking Type	WearDeck	WPCs	CWPCs
Strength	2.7x stronger	x	x
Strength Loss at High Temperatures (140° - 150°F)	13% loss	avg. 25% loss	avg. 25% loss
Thermal Expansion and Contraction	1/32"	6-8x more movement	6-8x more movement

Comparisons to other High-Density Polyethylene (HDPE)			
Brand	WearDeck	LumberRock	TanDeck
Material	HDPE	HDPE	HDPE
Nominal Size	5/4" x 6"	5/4" x 6"	1" x 6"
Actual Dimensions	1.05" x 5.5"	1.0" x 5.5"	0.875" x 5.5"
Weight lbs/Linear Ft	1.90 lbs	2.05 lbs	1.63"
100 lbs/SqFt Live Load Capacity	*24" O.C.	16" O.C.	16" O.C.
Maximum Stair Tread Span	16" O.C.	N/A	N/A
Thermal Expansion and Contraction**	1/32"	5/16"	1/8"

Figures highlighted in **bold blue** represent best in class

***WearDeck supports 120 lbs/SqFt at 24" O.C.**

**Total movement on a 12 ft board at 50°F temperature change