

Vinyl Deck Plank Characteristics

ALLOWABLE UNIFORM LOADS

DEFLECTION L/180

SPAN BETWEEN STRINGERS	MAXIMUM DEFLECTION	LIVE UNIFORM LOAD PER SQ FT	POINT LOAD APPLIED AT CENTER OF PLANK
12"	0.07"	623 lbs	170 lbs
16"	0.09"	279 lbs	103 lbs
24"	0.13"	87 lbs	48 lbs

DEFLECTION L/240

SPAN BETWEEN STRINGERS	MAXIMUM DEFLECTION	LIVE UNIFORM LOAD PER SQ FT	POINT LOAD APPLIED AT CENTER OF PLANK
12"	0.05"	468 lbs	128 lbs
16"	0.07"	210 lbs	77 lbs
24"	0.10"	65 lbs	36 lbs

ALLOWABLE PUNCTURE LOADS

BEARING DIAMETER	PUNCTURE LOAD
1-1/4"	889 lbs
1/2"	445 lbs
1/4"	273 lbs

PLANK UPLIFT

SPAN	UPLIFT
16"	2781 lbs/sq ft

SLIP RESISTANCE

	<u>DRY</u>		<u>WET</u>	
	PARALLEL	PERPENDICULAR	PARALLEL	PERPENDICULAR
BRUNGRABER TESTER				
0.69	0.72	0.60	0.57	
ENGLISH TESTER				
0.86	0.84	0.64	0.66	

NOTE: A 0.50 rating is considered slip resistant per the Americans with Disabilities Act (ADA)

SPECIFICATIONS

Temp 70° F
 Ixx = 0.598 in⁴
 Iyy = 5.109 in⁴
 Area = 1.82 in²
 Weight = 1.24 lbs/ft