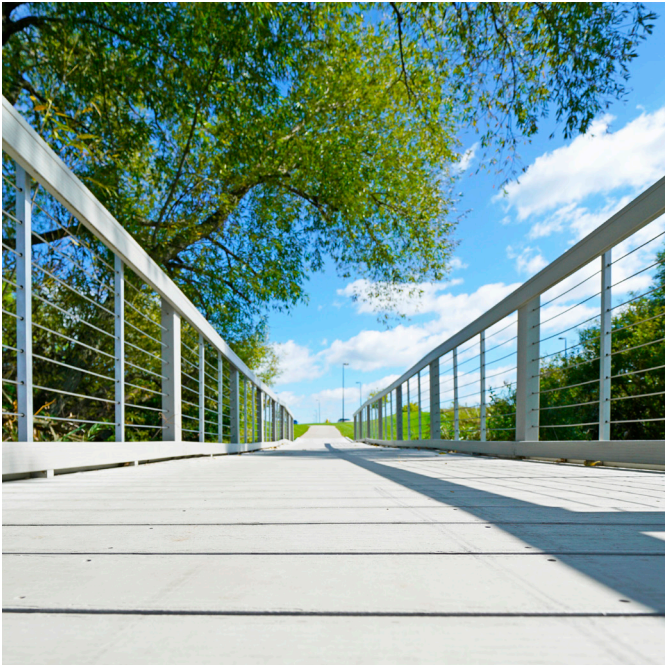




Engineered to Last a Lifetime

BUILT FOR LIFE



RENEWMax is stronger than the average synthetic deck board without the use of fiberglass. Our blend of recycled pre-consumer/post-consumer and virgin high density polyethylene, along with non-organic strengthening additives, provides the durability to last a lifetime.

Available in two profiles:

- 1" x 5 1/2" Eased Edge
- 1 1/2" x 5 1/2" Eased Edge

NO FIBERGLASS

RENEWMax is engineered to last a lifetime and is perfect for any deck or dock application. Fiberglass is not included in our boards. Instead, we use non-organic strengthening additives that never breakdown and provide exceptional durability with long-lasting power.



SAND

GRAY

WOOD

RENEWMAX SPAN CHART

Data shown in the table to the right is in regard to the 1 1/2" x 5 1/2" RENEWMax profile. It was collected at an ASTM Standard of D6662 and calculated based on an independent third party testing agency in or before 2021.

Span On Center (in)	Uniformly Distributed Live Load (lb/sq.ft)
16	409
20	210
24	121
28	76
30	62

Service Conditions:

- Service Temperature 122 °F
- Temperature Factor CT 0.43
- Creep Adjustment Factor 1.5
- Allowable Deflection K 180



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TECHNICAL DATA



Mechanical Property (70 °F)	ASTM Standard	Average Value
Density (g/cc)	Internal	0.81
Coefficient of Thermal Expansion (IN/IN/ °F)	D6341-16	5.60E-05
Flexural, Rigidity - EI	D6109-10	250700 lb·in ²
Flexural, Modulus of Elasticity - MOE	D6109-10	164900 lb·in ²
Flexural, Modulus of Elasticity - Secant Modulus E	D6109-10	143900 lb·in ²
Flexural, Modulus of Rupture - MOR	D6109-10	2824 lb·in ²
Creep Recovery (100 lb Load)	D7032-10a	83%
Coefficient of Friction - Embossed	D2047-04	Dry: 0.54 Wet: 0.84
Mechanical Property (125 °F)	ASTM Standard	Average Value
Flexural, Rigidity - EI	D6109-10	116600 lb·in ²
Flexural, Modulus of Elasticity - MOE	D6109-10	76450 lb·in ²
Flexural, Modulus of Rupture - MOR	D6109-10	2188 lb·in ²

1 1/2" x 5 1/2" RENEWMax profile was used in testing at various lengths required by the ASTM method noted. Testing was done by an independent third party agency in or before 2021.

CONTACT US

Contact us for more information about RENEWMax Decking. We are happy to answer questions and/or send you additional product literature.

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Keep in Touch

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