



Fiber Composites, manufacturer of Fiberon® decking, railing and fencing products, leads the industry in innovation and in manufacturing consistent high quality outdoor living products. Providing contractors and homeowners with demonstrated product performance, Fiber Composites has quickly earned its top position for innovation since its inception in 1997.

Headquartered in New London, NC with manufacturing facilities in New London, NC and Meridian, ID, Fiber Composites created the benchmark for innovative, alternative decking, railing and fencing products through extensive product development and leading edge manufacturing capabilities.

Fiber Composites responds to the growing public concern for environmental conservation by offering consumers durable product options that save natural resources, produced in a virtually waste-free manufacturing process. From raw material sourcing to homeowner maintenance, Fiberon outdoor living products incorporate the following sustainable practices and benefits:

Made from Locally-Sourced, Recycled Materials

- Fiberon products consist of the following recycled and reclaimed content:

Fiberon Product	Recycled Content	Reclaimed Content
Sensibuilt™ PVC Decking	25%	10%
Horizon™ Decking	74%	8%
Tropics® Decking, Premium Grain Decking, Professional Decking and Railing	61%	8%
Horizon Plus™ Railing	34%	20%
Enclave™ Fencing	84%	8%

- All composite products’ recycled content is sourced within 500 miles of our manufacturing facilities.
- Composite products are made from recycled, high-density polyethylene (HDPE) which includes plastic milk jugs, shampoo and laundry detergent bottles. HDPE has higher tensile strength for denser, durable products that also withstand higher temperatures better than lighter weight LDPE. Used with HDPE, wood flour is acquired from ground window trim, doorframes, lumber and cabinet pieces. HDPE encapsulates the wood to resist harsh weather, splintering and decay.
- 100% of PVC material is reclaimed in our manufacturing process.
- Fiber Composites diverts over 33,800 tons of wood and plastics from landfills and incinerators each year.

Produced in an Energy Efficient, Virtually Waste-Free Manufacturing Process

- The use of closed loop water cooling systems allow for zero water discharge.
- 98.5% of all material waste is recovered from our manufacturing processes.

Contributes to High Performance Green Buildings

- Contributes to high performance green buildings and towards LEED points for recycled content.
- Designed for easier installation—40% fewer screws reduce installation time 30%.
- Fully reversible boards minimize product waste during installation.

Safe for Your Home and for the Environment

- Urea formaldehyde-free
- No toxic chemicals are used in the manufacturing of Fiberon products.
- Products do not splinter; protecting workers and users from potential injuries.

Sustainable—Durable Performance Year after Year

- Fiberon products deliver long-term performance that requires no chemical preservatives, paint or stains that are common for wood decks, railing and fencing.





Fibron decking products contribute towards points in LEED and other green building rating systems.



Material Type	Sensibuilt™ Decking	Horizon™ Decking	Tropics®, Professional & Premium Grain Decking	Horizon Plus™ Railing	Professional Railing	Enclave™ Fencing
Recycled Content	25%	74%	61%	34%	61%	84%
Reclaimed Content	10%	8%	8%	20%	8%	8%

Green Programs and Points	Pts	Sensibuilt Decking	Horizon Decking	Tropics, Professional & Premium Grain Decking	Horizon Plus Railing	Professional Railing	Enclave Fencing
LEED-H (LEED for Homes)							
M&R EPP Spec - 25% post consumer content	0.5	0.5	0.5	0	0	0	0.5
M&R EPP Spec - 25% pre-consumer content	0.25	0	0.25	0.25	0	0.25	0.25
M&R Local Production < 500 miles from 28127 or 83642	0.5	0.50	0.50	0.50	0.50	0.50	0.50
Total LEED-H	1.25	1.00	1.25	0.75	0.50	0.75	1.25
LEED-NC v2.2 (LEED for New Construction - Commercial)							
4.1 - 10% post consumer + 1/2 pre-consumer content	1	1	1	1	1	1	1
4.2 - 20% post consumer + 1/2 pre-consumer content	1	1	1	0	0	0	1
5.1 Regional materials 10% < 500 miles from 28127 or 83642	1	1	1	1	1	1	1
5.2 Regional materials 20% < 500 miles from 28127 or 83642	1	1	1	1	1	1	1
Total LEED-NC v2.2	4.00	4.00	4.00	3.00	3.00	3.00	4.00
NAHB (National Association of Home Builders)							
2.2.8 Resource Efficiency - Termite Resistant Materials for Exterior Decks	7	7	7	7	7	7	7
2.2.12 Resource Efficiency - Show and Employ Flashing Details at Deck/House Juncture	9	9	9	9	9	9	9
2.4 Resource Efficiency - Use recycled content building materials	3	3	3	3	3	3	3
2.7 Resource Efficiency - Use products that contain fewer resources than traditional products	3	3	3	3	3	3	3
2.8.1 Resource Efficiency - Use locally available indigenous materials	5	5	5	5	5	5	5
Total NAHB	27.00	27.00	27.00	27.00	27.00	27.00	27.00
Earthcraft House							
Resource Efficient Building Materials - outdoor decking and porches 80% to have min 40% recycled content	3	0	3	3	0	3	n/a
Bonus points - Use building materials mfr'd < 500 miles of site	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Total Earthcraft House	3.50	0.50	3.50	3.50	0.50	3.50	0.50