



Fox Blocks Recycled Material Content

Fox Blocks is pleased to offer the following Recycled Content Contribution Overview.

Fox Blocks is dedicated to contributing to green sustainable building initiatives. We are a proud member of the USGBC and are dedicated to provide our products with the lowest carbon footprint possible.

The following tables outline recycled content by weight of each of our form units. Please note the recycled content of Fox Blocks comes only from the polypropylene plastic cross-ties, corner brackets, and inserts. This recycled material is classified by LEED as pre-consumer recycled content.

All Fox Blocks **polypropylene plastic** web, bracket, and insert components are produced in the Airlite Plastics Omaha NE plant with regrind obtained from **recycled waste material**. Airlite Plastics ensures no waste from manufacturing process goes unused, with zero landfill contribution, and no outside transportation costs to source Fox Blocks plastics.

4 inch Fox Block						
Fox Block Form	Weight of EPS/lbs	Weight of Plastic/lbs	Total Weight of Form/lbs	% Plastic of Total Form Weight	% Pre-Consumer	% Post Consumer
Straight	3.50	3.17	6.67	47.5%	28%	19.4%
90 Degree	3.72	4.35	8.07	53.9%	31.8%	21.8%
45 Degree	3.51	3.74	7.25	51.6%	30.4%	20.9%

6 inch Fox Block						
Fox Block Form	Weight of EPS/lbs	Weight of Plastic/lbs	Total Weight of Form/lbs	% Plastic of Total Form Weight	% Pre-Consumer	% Post Consumer
Straight	3.50	3.29	6.79	48.5%	28.6%	19.6%
Taper top	3.03	3.29	6.32	52.1%	30.7%	21.1%
Corbel	4.2	3.29	7.49	43.9%	25.9%	17.7%
90 degree	3.87	4.47	8.34	53.6%	31.6%	21.7%
45 degree	2.87	3.31	6.18	53.6%	31.6%	21.7%
T-block L	3.89	4.94	8.83	55.9%	33.0%	22.6%
T-block S	3.32	4.39	7.71	56.9%	33.6%	23.0%
Radius d 10'	1.11	0.66	1.77	37.3%	22.0%	15.1%
Radius d 9'	1.11	0.66	1.77	37.3%	22.0%	15.1%
Radius d 8'	1.10	0.66	1.76	37.5%	22.1%	15.2%
Radius d 7'	1.10	0.66	1.76	37.5%	22.1%	15.2%
Radius d 6'	1.09	0.66	1.75	37.7%	22.2%	15.2%
Radius d 5'	1.07	0.66	1.73	38.2%	22.5%	15.5%

8 inch Fox Block						
Fox Block Form	Weight of EPS/lbs	Weight of Plastic/lbs	Total Weight of Form/lbs	% Plastic of Total Form Weight	% Pre-Consumer	% Post Consumer
Straight	3.50	4.25	7.75	54.8%	32.3%	22.2%
Corbel	4.2	4.25	8.45	50.3%	29.7%	20.4%
Taper top	3.03	4.25	7.28	58.4%	34.5%	23.6%
90 degree	4.01	5.46	9.47	57.7%	34.0%	23.4%
45 degree	2.93	4.10	7.03	58.3%	34.4%	23.6%
T-block L	3.56	6.37	9.93	64.1%	37.8%	26.0%
T-block S	3.27	5.66	8.93	63.4%	37.4%	25.7%

10 inch Fox Block						
Fox Block Form	Weight of EPS/lbs	Weight of Plastic/lbs	Total Weight of Form/lbs	% Plastic of Total Form Weight	% Pre-Consumer	% Post Consumer
10" straight	3.495	4.497	7.992	56.3%	33.2%	22.8%
10" corner	4.065	6.149	10.214	60.2%	35.5%	24.4%

12 inch Fox Block						
Fox Block Form	Weight of EPS/lbs	Weight of Plastic/lbs	Total Weight of Form/lbs	% Plastic of Total Form Weight	% Pre-Consumer	% Post Consumer
Straight	3.50	4.73	8.23	57.5%	33.9%	23.3%
90 degree	4.34	6.34	10.68	59.4%	35.0%	24.0%

Fox Bucks						
Fox Buck	Weight of EPS/lbs	Weight of Plastic/lbs	Total Weight of Form/lbs	% Plastic of Total Form Weight	% Pre-Consumer	% Post Consumer
6" Buck	0.94	1.63	2.57	63.4%	37.4%	25.7%
8" Buck	1.10	1.98	3.08	64.3%	37.9%	26.0%

ICF structures on average will be comprised of 85% straight forms and 15% 90 degree corner forms.

The table below shows the percentage of recycled content of Fox Blocks for each form size assuming this ratio. These numbers can be useful as initial estimates for calculating Fox Blocks recycled content contribution to the project. Does not include Fox Buck for window and door openings contribution.



Form size	Percent Recycled Content	% Pre-Consumer	% Post Consumer
4 inch	48.5%	28.6%	19.6%
6 inch	49.3%	29.1%	20.0%
8 inch	55.2%	32.6%	22.4%
10 inch	56.9%	33.6%	23.0%
12 inch	57.8%	34.1%	23.4%

Summary of Fox Blocks USGBC LEED 3.0 Materials & Resource Credit Category Recycled Content Contribution:

MR - Credit 4.1 Recycled Content - 10% Post/5% Pre Consumer (1)

MR Credit 4.2 Recycled Content- 20% Post/10% Pre Consumer (1)

- Fox Blocks contain 100% recycled high density polypropylene webs as the structural skeleton of the form meeting the “Pre-Consumer Material” definition. This applies to the +half Pre-Consumer requirement towards the 10% and 20% thresholds of materials used.
- The weight percentage of this portion of the Fox Block form unit combined with the non recycled foam panels varies across the product line. The lowest contribution of recycled content per Fox Block form unit is 37.3%. The highest contribution is 64.1% per form unit.
- An 8” core Fox Blocks commercial, institutional, industrial project will contribute an average of **55.2% recycled content (32.6% pre-consumer and 22.4% post consumer)** by weight of the Fox Blocks forms used on the project towards the credit points available.
- Fox Blocks and Airlite Plastics are pleased to offer some of the highest percentiles of recycled content contribution available in the ICF industry.

For more information regarding Fox Blocks LEED contribution please request document titled *“Fox Blocks LEED NC 3.0 Contribution”*. Outlined within this guide are the credit categories in which Fox Blocks specification may contribute toward point acquisitions within the LEED Rating System.