BRIDGE THE GAP

July, 2024

PRODUCT SCORING

CIRCULARITY

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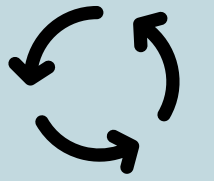
CIRCULARITY

1	2	3
DESIGN FOR DISASSEMBLY	RECYCLING & REUSE	MANUFACTURING WASTE



1	Design for Disassembly (DfD)	X/100
2	Recycling & Reuse	X/100
3	Manufacturing Waste	X/100

Circularity score **X/100**

Scoring explained:

$$\textbf{Circularity score} = \frac{\text{DfD} + \text{Recycling \& Reuse} + \text{Manufacturing Waste}}{3}$$

*The Circularity score is calculated with the condition that there is data available for at least two of the subcategories (Design for Disassembly, Recycling & Reuse, Manufacturing Waste), otherwise it is N/A.

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1. DESIGN FOR DISASSEMBLY

1.1	Are the connections between the product and the building or other products reversible? (product level)	☐ Yes ☐ No	60 0
1.2	Are the connections between components within the product reversible? (component level)	☐ Yes ☐ No ☐ N/A	20 0 0
1.3	Are the connections between materials reversible? (material level)	☐ Yes ☐ No	10 0
1.4	How accessible are the connections?	☐ Accessible with standard tools ☐ Accessible with special tools ☐ Not accessible	10 5 0

Max. score	100
DfD score	X
DfD (total score)	X/100

Scoring explained:

1.1 60 (yes) or 0 (no) points.

1.2 20 (yes) or 0 (no / not applicable) points.

1.3 10 (yes) or 0 (no) points.

1.4 If 1.1 – 1.3 are all “No”: 0 points.

Otherwise: Either 10, 5, or 0 points, depending on accessibility of the connections.

Total score: Individual points added up, divided by max. score, and multiplied by 100.

DfD (total score) = sum(1.1, 1.2, 1.3, 1.4) / 100 * 100

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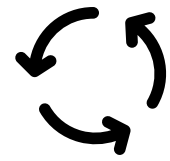
2. RECYCLING & REUSE

2.1	Is there a material passport for the product?	☐ Yes ☐ No	10 0
2.2	What is the percentage of recycled materials in the product? (% of weight)	☐ 0% ☐ 0–10% ☐ 10–20% ☐ 20–30% ☐ 30–40% ☐ 40–50% ☐ 50–60% ☐ 60–70% ☐ 70–80% ☐ 80–90% ☐ 90–100% ☐ 100%	0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 10
2.3	What is the percentage of reused materials in the product? (% of weight)	☐ 0% ☐ 0–10% ☐ 10–20% ☐ 20–30% ☐ 30–40% ☐ 40–50% ☐ 50–60% ☐ 60–70% ☐ 70–80% ☐ 80–90% ☐ 90–100% ☐ 100%	0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 10
2.4	What is the recycling potential of the product? (% of weight)	☐ 0% ☐ 0–10% ☐ 10–20% ☐ 20–30% ☐ 30–40% ☐ 40–50% ☐ 50–60% ☐ 60–70% ☐ 70–80% ☐ 80–90% ☐ 90–100% ☐ 100%	0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 10



2.5	What is the reuse potential of the product? (% of weight)	☐ 0% ☐ 0-10% ☐ 10-20% ☐ 20-30% ☐ 30-40% ☐ 40-50% ☐ 50-60% ☐ 60-70% ☐ 70-80% ☐ 80-90% ☐ 90-100% ☐ 100%	0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 10
2.6	What describes best the end-of-use of the product?	☐ Reuse ☐ Refurbishment ☐ Recycling ☐ Landfill ☐ Incineration	10 7.5 5 2.5 0

Max. score	60
Recycling & Reuse score	X
Recycling & Reuse (total score)	X/100

Scoring explained:

2.1 10 (yes) or 0 (no) points.

2.2 – 2.5 If empty: 2.2, 2.3 = 0 points; 2.4, 2.5 = both same points as 2.6.

Otherwise: Score between 10 and 0 for each of the percentages.

2.6 Between 10 and 0 points assigned to every end-of-use potential. Average of all selected potentials is considered.

Total score: Individual points added up, divided by max. score, and multiplied by 100.

Recycling & Reuse (total score) = sum(2.1, 2.2, 2.3, 2.4, 2.5, 2.6) / 60 * 100

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3. MANUFACTURING WASTE

3.1	What is the percentage of waste produced? (% of weight)	☐ 0% ☐ 2% ☐ 4% ☐ 6% ☐ 8% ☐ 10% ☐ 12% ☐ 14% ☐ 16% ☐ 18% ☐ 20%	10 9 8 7 6 5 4 3 2 1 0
3.2	How much waste is being recycled? (% of weight)	☐ 0% ☐ 2% ☐ 4% ☐ 6% ☐ 8% ☐ 10% ☐ 12% ☐ 14% ☐ 16% ☐ 18% ☐ 20%	0 1 2 3 4 5 6 7 8 9 10

Max. score	20
Manufacturing Waste score	X
Manufacturing Waste (total score)	X/100

Scoring explained:

3.1 Score between 10 (0%) and 0 (20%) for each of the percentages.

3.2 If 3.1 is “0%”: 10 points.

Otherwise: Score between 10 (100%) and 0 (0%) for each of the percentages.

Total score: Individual points added up, divided by max. score, and multiplied by 100.

Manufacturing Waste (total score) = sum(3.1, 3.2) / 20 * 100

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