



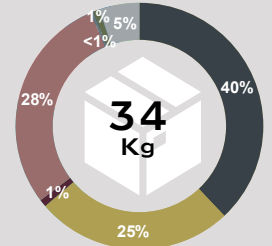
Rolo

Environmental Scorecard February 2025

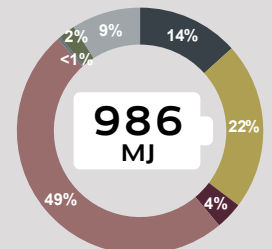
DAVISON HIGHLEY



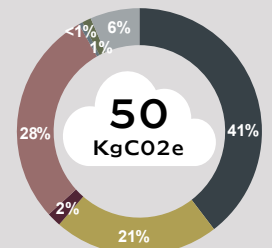
DATA SUMMARY



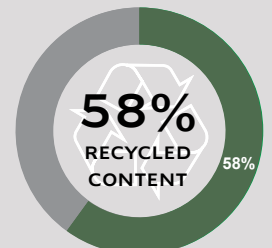
Material type by Mass (Kg)



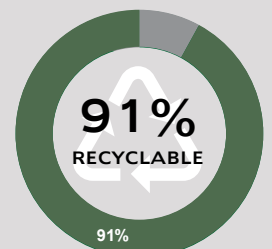
Embodied Energy (MJ)¹



Embodied Carbon (KgCO2e)²



Recycled content by Mass (kg)³



Recyclability by Mass (Kg)⁴

TECHNICAL INFORMATION



- This scorecard has been produced in accordance with the internationally recognised ISO 14021:2016 standard and is intended to provide accurate, informative and verifiable data on the environmental profile of our products.



- All upholstery materials meet a minimum fire rating standard of BSEN1021 I&2
- CMHR Foam meets BS5852 Furniture & Furnishings (Fire) (Safety) Regulations 1988



- Internal timber frames are supplied with a 10 year warranty
- Soft fillings are supplied with a 7 year warranty
- Upholstery material is subject to the manufacturer's own warranty.



- Local supply chains source 90% of the materials used in manufacture from within a 60 mile radius of the High Wycombe workshop.
- REnew, REupholster, REfresh, REpair, REdesign, REstore, REimagine, REvitalise, REpurpose, existing Davison Highley furniture.

COMPANY CERTIFICATIONS



Davison Highley's environmental Management System (EMS) is verified to the international ISO 14001 standard.



Timber is responsibly sourced from sustainable forests with full certification to the FSC® standard on request.



FIRA Membership



Environmental and social sustainability is certified to the FISP standard.

MADE IN BRITAIN

Everything is designed and manufactured at the High Wycombe workshop.

Learn more at <https://davisonhighley.co.uk/sustainability/>

All Scorecard data has been independently verified by:



● Timber & Board ● Textiles ● PU foam ● Sustainable foam ● Metals ● Plastic ● Packaging

- The above data is based on the average figures across the entire Rolo range

1) Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)

2) Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)

3) Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both

4) Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK



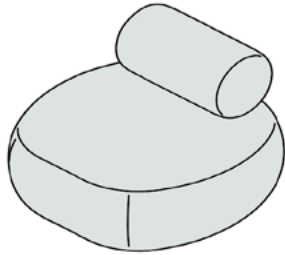
Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Small chair

ROL 01



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	32.2%	61.8	9.4	19.3%	31.9%
Cardboard	3.9%	5.3	0.6	1.3%	3.9%
Fabric ³	26.3%	119.0	5.9	10.5%	26.3%
PU foam	1.2%	23.4	0.6	0.2%	0.3%
Sustainable foam	29.9%	273.1	7.9	23.9%	22.4%
Steel	0.4%	2.5	0.2	0.2%	0.4%
Plastic	1.1%	15.0	0.4	0.3%	1.1%
Recycled Plastic	5.1%	46.7	1.7	4.3%	5.1%
		546.9 MJ	26.6 KgCO2e	60.1 % Kg	91.4 % Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- Learn more at <https://davisonhighley.co.uk/sustainability/>
- View the range at <https://davisonhighley.co.uk/products/rolo/>
- Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>





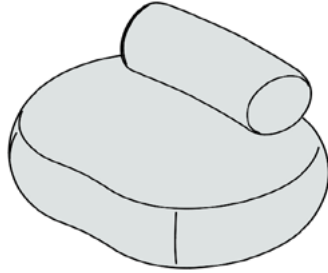
Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Large chair

ROL 015



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	32.3%	75.7	11.5	19.4%	31.9%
Cardboard	3.9%	6.6	0.7	1.3%	3.9%
Fabric ³	25.1%	138.9	6.9	10.0%	25.1%
PU foam	1.1%	27.8	0.7	0.2%	0.3%
Sustainable foam	30.9%	345.6	10.0	24.8%	23.2%
Steel	0.3%	2.5	0.2	0.2%	0.3%
Plastic	0.9%	15.0	0.4	0.3%	0.9%
Recycled Plastic	5.5%	61.1	2.2	4.6%	5.5%
		673.1 MJ	32.6 KgCO2e	60.7 % Kg	91.2 % Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- Learn more at <https://davisonhighley.co.uk/sustainability/>
- View the range at <https://davisonhighley.co.uk/products/rolo/>
- Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>





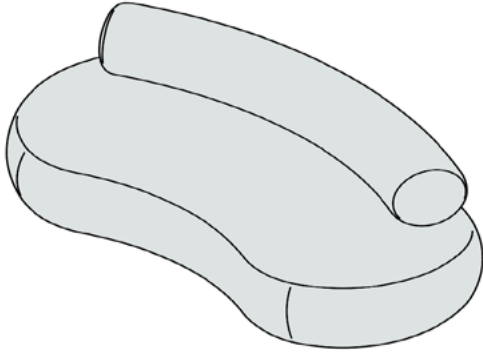
Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Curved 2.5 seater sofa

ROL 025-C



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	32.5%	147.2	22.4	19.5%	32.2%
Cardboard	4.1%	13.4	1.4	1.4%	4.1%
Fabric ³	24.2%	257.9	12.8	9.7%	24.2%
PU foam	1.2%	57.1	1.5	0.2%	0.4%
Sustainable foam	31.3%	673.2	19.4	25.0%	23.5%
Steel	0.3%	5.0	0.4	0.1%	0.3%
Plastic	0.8%	26.3	0.7	0.2%	0.8%
Recycled Plastic	5.5%	119.2	4.3	4.7%	5.5%
		1299.1 MJ	62.9 KgCO2e	60.9 % Kg	91% Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- Learn more at <https://davisonhighley.co.uk/sustainability/>
- View the range at <https://davisonhighley.co.uk/products/rolo/>
- Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>





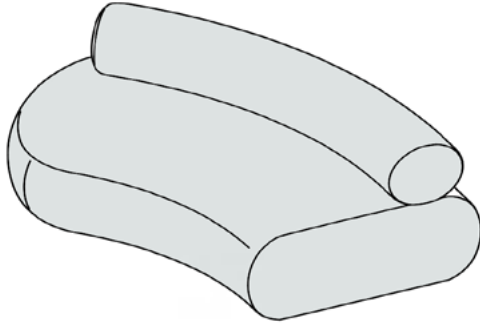
Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Inward curved 2 seater sofa- left hand end

ROL 02-C/IN/L



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	34.2%	145.2	22.1	20.5%	33.8%
Cardboard	4.1%	12.3	1.3	1.4%	4.1%
Fabric ³	25.7%	257.9	12.8	10.3%	25.7%
PU foam	1.1%	49.7	1.3	0.2%	0.3%
Sustainable foam	28.7%	581.0	16.7	23.0%	21.5%
Steel	0.4%	5.0	0.4	0.1%	0.4%
Plastic	0.7%	22.5	0.6	0.2%	0.7%
Recycled Plastic	5.2%	104.8	3.8	4.4%	5.2%
		1178.5 MJ	59.0 KgCO2e	60.0 % Kg	91.7 % Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- 🔍 Learn more at <https://davisonhighley.co.uk/sustainability/>
- 👉 View the range at <https://davisonhighley.co.uk/products/rolo/>
- 📄 Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>





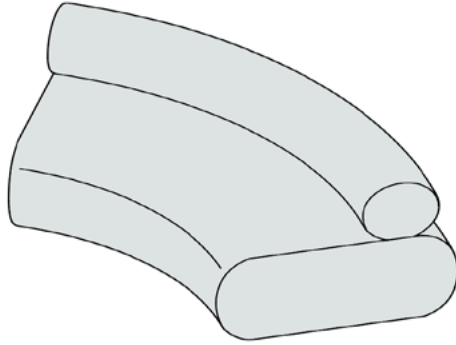
Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Inward curved 2 seater sofa- middle

ROL 02-C/IN/M



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	36.0%	165.6	25.2	21.6%	35.6%
Cardboard	3.7%	12.1	1.3	1.3%	3.7%
Fabric ³	25.6%	277.8	13.8	10.2%	25.6%
PU foam	1.2%	55.6	1.4	0.2%	0.3%
Sustainable foam	27.1%	593.1	17.1	21.7%	20.3%
Steel	0.3%	5.0	0.4	0.1%	0.3%
Plastic	0.6%	18.8	0.5	0.2%	0.6%
Recycled Plastic	5.7%	124.1	4.5	4.8%	5.7%
		1252.1 MJ	64.2 KgCO2e	60.0 % Kg	92.1 % Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- Learn more at <https://davisonhighley.co.uk/sustainability/>
- View the range at <https://davisonhighley.co.uk/products/rolo/>
- Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>



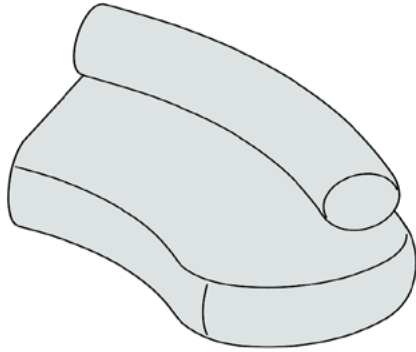


Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Inward curved 2 seater sofa- right hand end ROL 02-C/IN/R



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	34.2%	145.2	22.1	20.5%	33.8%
Cardboard	4.1%	12.3	1.3	1.4%	4.1%
Fabric ³	25.7%	257.9	12.8	10.3%	25.7%
PU foam	1.1%	49.7	1.3	0.2%	0.3%
Sustainable foam	28.7%	581.0	16.7	23.0%	21.5%
Steel	0.4%	5.0	0.4	0.1%	0.4%
Plastic	0.7%	22.5	0.6	0.2%	0.7%
Recycled Plastic	5.2%	104.8	3.8	4.4%	5.2%
		1178.5 MJ	59.0 KgCO2e	60.0 % Kg	91.7 % Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- Learn more at <https://davisonhighley.co.uk/sustainability/>
- View the range at <https://davisonhighley.co.uk/products/rolo/>
- Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>



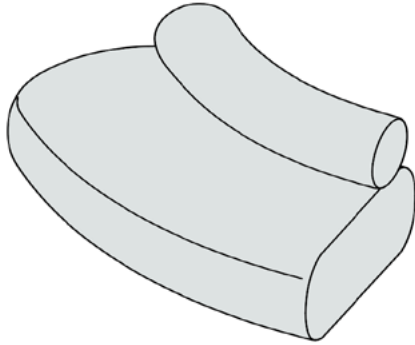


Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Outward curved 2 seater sofa- left hand end ROL 02-C/OUT/L



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	33.3%	135.2	20.6	20.0%	33.0%
Cardboard	3.3%	9.6	1.0	1.1%	3.3%
Fabric ³	26.9%	257.9	12.8	10.8%	26.9%
PU foam	0.9%	38.0	1.0	0.1%	0.3%
Sustainable foam	29.0%	560.8	16.2	23.2%	21.8%
Steel	0.4%	5.0	0.4	0.1%	0.4%
Plastic	0.8%	22.5	0.6	0.2%	0.8%
Recycled Plastic	5.4%	104.8	3.8	4.6%	5.4%
		1133.8 MJ	56.3 KgCO2e	60.2 % Kg	91.8 % Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- Learn more at <https://davisonhighley.co.uk/sustainability/>
- View the range at <https://davisonhighley.co.uk/products/rolo/>
- Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>



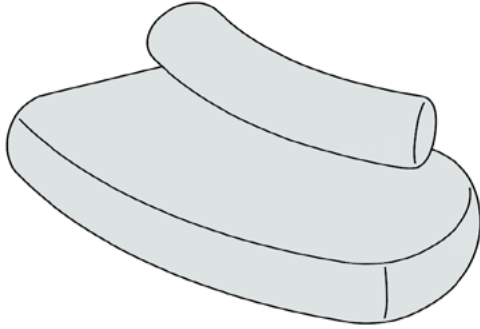


Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Outward curved 2 seater sofa- right hand end ROL 02-C/OUT/R



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	33.3%	135.2	20.6	20.0%	33.0%
Cardboard	3.3%	9.6	1.0	1.1%	3.3%
Fabric ³	26.9%	257.9	12.8	10.8%	26.9%
PU foam	0.9%	38.0	1.0	0.1%	0.3%
Sustainable foam	29.0%	560.8	16.2	23.2%	21.8%
Steel	0.4%	5.0	0.4	0.1%	0.4%
Plastic	0.8%	22.5	0.6	0.2%	0.8%
Recycled Plastic	5.4%	104.8	3.8	4.6%	5.4%
		1133.8 MJ	56.3 KgCO2e	60.2 % Kg	91.8 % Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- 🔍 Learn more at <https://davisonhighley.co.uk/sustainability/>
- 👉 View the range at <https://davisonhighley.co.uk/products/rolo/>
- 📄 Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>





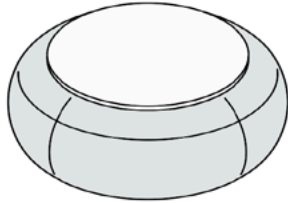
Rolo

Environmental Scorecard February 2025

DAVISON HIGHLEY

Rolo Coffee table

ROL TBL



- Sofa & chair range with accompanying coffee table.
- Suitable for front of house, breakout, social & reception areas.
- Upholstery finishes are available from our standard price bands, however not all fabrics are suitable for the organic shape of the design. Please contact us to discuss the suitability of fabrics when ordering. Leather, vinyl, velvet's and mohair's are not available.
- Black nylon glides.
- Seat & back constructed from engineered layers of CMHR sustainable (Orbis™) foams.
- This design can be tailored on request.

ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) ¹	Embodied carbon (KgCO2e) ²	Recycled content by mass (Kg) ³	Recyclability by Mass (Kg) ⁴
Plywood	27.9%	62.6	9.5	16.7%	27.6%
Cardboard	3.8%	6.1	0.6	1.3%	3.8%
MDF	22.2%	53.1	6.7	0.1%	18.8%
Laminate	5.1%	11.1	1.5	0.4%	3.8%
Fabric ³	18.7%	99.2	4.9	7.5%	18.7%
Sustainable foam	18.2%	194.1	5.6	14.5%	13.6%
Plastic	0.9%	15.0	0.4	0.4%	0.9%
Recycled Plastic	3.2%	34.5	1.2	2.7%	3.2%
		475.5 MJ	30.5 KgCO2e	43.7 % Kg	90.6 % Kg

- The replacement of traditional PU foams with a Sustainable foam alternative results in:
 - Embodied Carbon: 22-25% reduction. Embodied Energy: 37-40% reduction. Increase in recycled content % to around 60%
 - No prohibited or restricted substances, including heavy metals, phthalates or biocides
 - No SVHCs present at concentrations >0.1% in accordance with REACH
 - Water-based adhesives used in manufacturing
 - Low formaldehyde emissions of wood-based components (<20µg/m³)
 - All Scorecard data independently verified by Dragonfly Sustainability
 - Data is calculated using a non-specific fabric, speak to us about using recycled or environmentally friendly materials.
1. Total primary energy consumed from direct and indirect process (A1-A3) expressed in Megajoules (MJ)
 2. Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)
 3. Recycled content calculated in accordance with the ISO 14021 standard for pre- and post-consumer materials and aligned with agreed definitions for both.
 4. Recyclable content calculated in line with established definitions whereby a product, or material, is recyclable if it is effectively sorted, processed and/or sold as recycle in the UK.

ADDITIONAL INFORMATION

- Learn more at <https://davisonhighley.co.uk/sustainability/>
- View the range at <https://davisonhighley.co.uk/products/rolo/>
- Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>

