



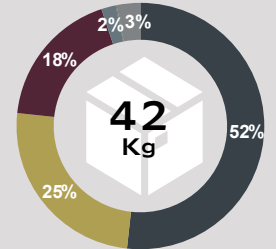
# Reed

## Environmental Scorecard January 2026

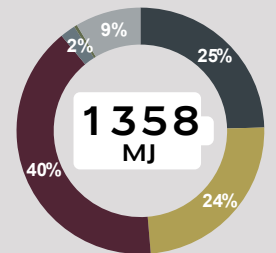
# DAVISON HIGHLEY



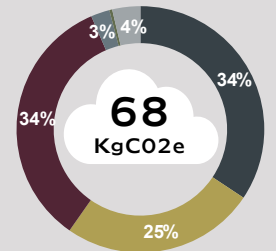
### DATA SUMMARY



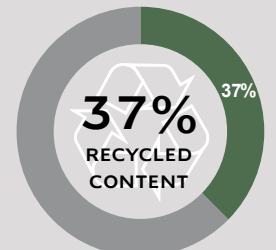
Material type by Mass (Kg)



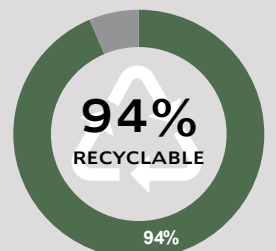
Embodied Energy (MJ)<sup>1</sup>



Embodied Carbon (KgCO2e)<sup>2</sup>



Recycled content by Mass (kg)<sup>3</sup>



Recyclability by Mass (Kg)<sup>4</sup>

### 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 1&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 ● Foam ● Metals ● Plastic ● Packaging

- The above data is based on the average figures across the entire Reed 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 recyclate in the UK



### Reed chair on glides

REE G-01



- Tub-chair & sofa range.
- Suitable for front of house, breakout, social & reception areas
- Upholstery finishes are available from our fabric bands. Faux leather & Leather available by quotation.
- Option of low glides, turned tapered solid FSC® timber legs, swivel base or upholstered plinth.
- FSC® WISA plywood frame.
- Seat & back constructed from engineered layers of CMHR foam.
- This design can be tailored on request.

#### ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) <sup>1</sup>	Embodied carbon (KgCO2e) <sup>2</sup>	Recycled content by mass (Kg) <sup>3</sup>	Recyclability by Mass (Kg) <sup>4</sup>
Plywood	34.0 %	168.9	12.0	20.4 %	32.3 %
Hardboard	16.2 %	86.0	5.6	4.9 %	15.4 %
Fabric	24.1 %	248.8	13.0	5.8 %	22.9 %
Foam	22.4 %	536.2	22.3	2.2 %	21.3 %
Plastic	0.2 %	9.8	0.4	0.0 %	0.0 %
Recycled Plastic	3.0 %	88.8	1.9	2.4 %	1.5 %
		<b>1138.4 MJ</b>	<b>55.3 KgCO2e</b>	<b>35.7 % Kg</b>	<b>93.4 % Kg</b>

- 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/m<sup>3</sup>)
  - 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/reed/>
- Download 2D & 3D CAD at <https://davisonhighley.co.uk/resources/product-images/>





### Reed chair on swivel base

REE S-01



- Tub-chair & sofa range.
- Suitable for front of house, breakout, social & reception areas
- Upholstery finishes are available from our fabric bands. Faux leather & Leather available by quotation.
- Option of low glides, turned tapered solid FSC® timber legs, swivel base or upholstered plinth.
- FSC® WISA plywood frame.
- Seat & back constructed from engineered layers of CMHR foam.
- This design can be tailored on request.

#### ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) <sup>1</sup>	Embodied carbon (KgCO2e) <sup>2</sup>	Recycled content by mass (Kg) <sup>3</sup>	Recyclability by Mass (Kg) <sup>4</sup>
Plywood	35.5 %	219.6	15.7	21.3 %	33.7 %
Hardboard	13.0 %	86.0	5.6	3.9 %	12.4 %
Fabric	19.4 %	248.8	13.0	4.9 %	18.4 %
Foam	18.0 %	536.2	22.3	1.8 %	17.1 %
Steel	11.6 %	96.5	6.6	2.9 %	11.5 %
Recycled Plastic	2.4 %	88.8	1.9	1.9 %	1.2 %
		<b>1275.8 MJ</b>	<b>65.1 KgCO2e</b>	<b>36.8 % Kg</b>	<b>94.4 % Kg</b>

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### Reed chair on legs

REE L-01



- Tub-chair & sofa range.
- Suitable for front of house, breakout, social & reception areas
- Upholstery finishes are available from our fabric bands. Faux leather & Leather available by quotation.
- Option of low glides, turned tapered solid FSC® timber legs, swivel base or upholstered plinth.
- FSC® WISA plywood frame.
- Seat & back constructed from engineered layers of CMHR foam.
- This design can be tailored on request.

#### ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) <sup>1</sup>	Embodied carbon (KgCO2e) <sup>2</sup>	Recycled content by mass (Kg) <sup>3</sup>	Recyclability by Mass (Kg) <sup>4</sup>
Plywood	32.0 %	155.0	11.1	19.2 %	30.4 %
Hardboard	15.5 %	80.2	5.3	4.7 %	14.7 %
Timber leg	1.0 %	3.2	0.3	0.0 %	0.9 %
Fabric	24.7 %	248.8	13.0	5.7 %	23.5 %
Foam	23.0 %	536.2	22.3	2.3 %	21.9 %
Aluminium	0.7 %	37.2	2.0	0.2 %	0.7 %
Recycled Plastic	3.1 %	88.8	1.9	2.5 %	1.5 %
		<b>1149.4 MJ</b>	<b>55.8 KgCO2e</b>	<b>34.5 % Kg</b>	<b>93.6 % Kg</b>

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#### ADDITIONAL INFORMATION

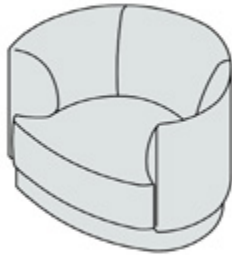
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### Reed chair on upholstered plinth

REE P-01



- Tub-chair & sofa range.
- Suitable for front of house, breakout, social & reception areas
- Upholstery finishes are available from our fabric bands. Faux leather & Leather available by quotation.
- Option of low glides, turned tapered solid FSC® timber legs, swivel base or upholstered plinth.
- FSC® WISA plywood frame.
- Seat & back constructed from engineered layers of CMHR foam.
- This design can be tailored on request.

#### ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) <sup>1</sup>	Embodied carbon (KgCO2e) <sup>2</sup>	Recycled content by mass (Kg) <sup>3</sup>	Recyclability by Mass (Kg) <sup>4</sup>
Plywood	39.0 %	212.8	15.2	23.4 %	37.0 %
Hardboard	15.6 %	90.8	6.0	4.7 %	14.8 %
Fabric	22.0 %	248.8	13.0	5.5 %	20.9 %
Foam	20.4 %	536.2	22.3	2.0 %	19.4 %
Steel	0.2 %	1.1	0.1	0.0 %	0.2 %
Plastic	0.1 %	2.9	0.1	0.0 %	0.0 %
Recycled Plastic	2.7 %	88.8	1.9	2.2 %	1.4 %
		<b>1181.4 MJ</b>	<b>58.6 KgCO2e</b>	<b>37.8 % Kg</b>	<b>93.7 % Kg</b>

- 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)
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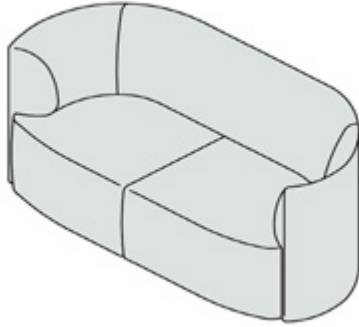
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### Reed sofa on glides

REE G-02



- Tub-chair & sofa range.
- Suitable for front of house, breakout, social & reception areas
- Upholstery finishes are available from our fabric bands. Faux leather & Leather available by quotation.
- Option of low glides, turned tapered solid FSC® timber legs, swivel base or upholstered plinth.
- FSC® WISA plywood frame.
- Seat & back constructed from engineered layers of CMHR foam.
- This design can be tailored on request.

#### ENVIRONMENTAL DATA

Component material	Material type by mass (%Kg)	Embodied energy (MJ) <sup>1</sup>	Embodied carbon (KgCO2e) <sup>2</sup>	Recycled content by mass (Kg) <sup>3</sup>	Recyclability by Mass (Kg) <sup>4</sup>
Plywood	37.7 %	284.4	20.3	22.6 %	35.8 %
Hardboard	15.0 %	120.6	7.9	4.5 %	14.2 %
Fabric	28.6 %	447.8	23.4	7.3 %	27.2 %
Foam	14.8 %	536.2	22.3	1.5 %	14.0 %
Plastic	0.4 %	24.1	1.1	0.0 %	0.0 %
Recycled Plastic	3.5 %	158.9	3.4	2.8 %	1.8 %
		<b>1572.0 MJ</b>	<b>78.4 KgCO2e</b>	<b>38.8 % Kg</b>	<b>93.0 % Kg</b>

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  - No SVHCs present at concentrations >0.1% in accordance with REACH
  - Water-based adhesives used in manufacturing
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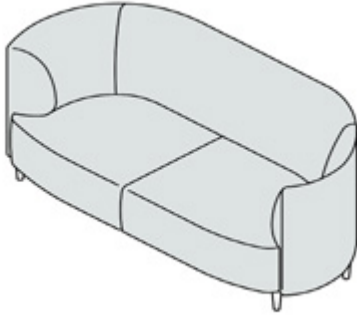
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### Reed sofa on legs

REE L-02



- Tub-chair & sofa range.
- Suitable for front of house, breakout, social & reception areas
- Upholstery finishes are available from our fabric bands. Faux leather & Leather available by quotation.
- Option of low glides, turned tapered solid FSC® timber legs, swivel base or upholstered plinth.
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Component material	Material type by mass (%Kg)	Embodied energy (MJ) <sup>1</sup>	Embodied carbon (KgCO2e) <sup>2</sup>	Recycled content by mass (Kg) <sup>3</sup>	Recyclability by Mass (Kg) <sup>4</sup>
Plywood	35.6 %	258.6	18.5	21.4 %	33.8 %
Hardboard	14.5 %	112.6	7.4	4.4 %	13.8 %
Timber leg	0.5 %	2.5	0.2	0.0 %	0.5 %
Fabric	29.7 %	447.8	23.4	7.4 %	28.2 %
Foam	15.3 %	536.2	22.3	1.5 %	14.6 %
Aluminium	0.6 %	48.0	2.6	0.2 %	0.6 %
Recycled Plastic	3.7 %	158.9	3.4	2.9 %	1.8 %
		<b>1564.6</b> MJ	<b>77.7</b> KgCO2e	<b>37.8 %</b> Kg	<b>93.4 %</b> Kg

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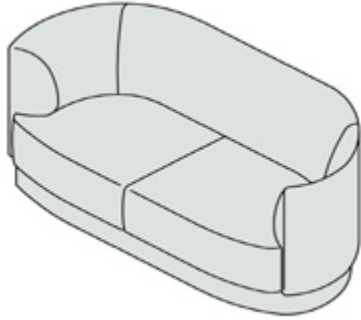
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### Reed Sofa on upholstered plinth

REE P-02



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- Upholstery finishes are available from our fabric bands. Faux leather & Leather available by quotation.
- Option of low glides, turned tapered solid FSC® timber legs, swivel base or upholstered plinth.
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Plywood	42.4 %	351.5	25.1	25.5 %	40.3 %
Hardboard	14.6 %	129.3	8.5	4.4 %	13.9 %
Fabric	26.1 %	447.8	23.4	6.9 %	24.8 %
Foam	13.5 %	536.2	22.3	1.3 %	12.8 %
Steel	0.1 %	1.1	0.1	0.0 %	0.1 %
Plastic	0.04 %	2.9	0.1	0.0 %	0.0 %
Recycled Plastic	3.2 %	158.9	3.4	2.6 %	1.6 %
		<b>1627.8 MJ</b>	<b>82.9 KgCO2e</b>	<b>40.76 % Kg</b>	<b>93.5 % Kg</b>

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