5. Office-related Products


<table>
<thead>
<tr>
<th>PCR Name</th>
<th>PCR ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roadbed material made from inorganic sludge</td>
<td>PA-A</td>
</tr>
<tr>
<td>Rubber Chip Products</td>
<td>PA-BZ</td>
</tr>
<tr>
<td>Wood-plastic Composite</td>
<td>PA-CB</td>
</tr>
<tr>
<td>Wood, Wood Materials</td>
<td>PA-CC</td>
</tr>
<tr>
<td>Wood Products</td>
<td>PA-CD</td>
</tr>
<tr>
<td>Insulation material for construction</td>
<td>PA-CK</td>
</tr>
</tbody>
</table>

N.B. The PCR codes shown do not include the edition numbers.

**Note**
- One of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (above) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label. In that regard.
- The calculation coverage for carbon footprinting has partly changed in FY2014 from that of FY2010. The Series Products in the Transport/Gas group of FY2000 was eliminated in FY2011 as a tentative measure during the pilot project period.
- With regard to the lower section “Percentage of CO2 emissions” for each product, an entry of “99%” in that section for a final product indicates that its CO2 is verified during the said process of that product. An entry of “*” for intermediate goods indicates that the said process is not included in the calculation coverage.

Company name: Soil Management Japan, Co., Ltd.
Product name: Ecokite
PCR Name & ID: PA-AY-01
Product Outline: Roadbed material made from inorganic sludge
Calculation covers products only, and is based on a sales unit of volume = 1m$^3$. Does not include roadbed material made from raw materials other than inorganic sludge (e.g. debris, slag, glass or ceramic chips).

Company name: Kurogane Industry Co., Ltd.
Product name: Rubber Chip Products KSR (with kraft paper sack) (20kg)
Final Product: PCR Name & ID: Rubber Chip Products PA-BZ-01
Product Outline: Size: φ1mm to 2mm
Total weight: 20.2kg (net weight is 20kg, weight of container is 0.21kg)
Packaging type: In paper bags
Recycled materials are used in its raw materials.
This product emits very little CO2 during the use and maintenance stages.

Company name: ECOWOOD Co., Ltd.
Product name: ECO-M Wood E05
Intermediate Goods: PCR Name & ID: Wood-plastic Composite PA-CB-01
Product Outline: Specifications: Interior slits, ribbed on one side
Size: 3mm x 14.5mm
Materials: Wood, recycled plastic composites
Recycled materials are used in its raw materials.
This product emits very little CO2 during the use and maintenance stages.

Company name: Hokushin Co., Ltd.
Product name: Starwood TFB
Final Product: PCR Name & ID: Wood, Wood Materials PA-CC-01
Product Outline: A medium density fiberboard (MDF) that meets JIS A 5905 (fiberboard) density standards of 0.35g/cm$^3$ or more with a thickness of 2.5 - 15mm, piled and wrapped in units of around 2m$^3$.
The raw materials for MDF are the leftover materials generated by chipboard and lumber factories, wood from demolished buildings, used low-quality paper chips, small-diameter trees from forest thinning etc.
The material makes effective use of wood materials and is designated as a specific procurement item under the Green Purchasing Law.

Company name: Marutama Industries CO., LTD.

Product name: marutama needle-leaved tree structural plywood (Thickness 12mm 4PLY)

PCR Name & ID: PA-CC-02

Product Outline: Chipboard for manufacturing using mainly Japanese Larch and Sakhalin Fir trees grown in Hokkaido

Size: Thickness 12mm, 4-layer width approx. 90cm - 120cm, length approx. 180cm - 300cm

Process:
① Acquisition of raw materials
② Production
③ Transport
④ Use/maintenance
⑤ Disposal/recycle

Total amount (kg-CO₂/product): 209kg

Percentage of CO₂ emissions:
- 53% ①
- 10% ②
- 32% ③
- 0% ④
- 5% ⑤

The factory runs on natural energy provided by wood biomass.

CO₂ amount stored in the wood materials used in this product:
Japanese Larch: 847kg-CO₂/㎡
Sakhalin Fir: 67kg-CO₂/㎡

Company name: Tsujii Lumber Co., LTD.

Product name: Laminated lumber (HINATA) 105×105 3M

Final Product: PCR Name & ID: Wood, Wood Materials PA-CC-01

Product Outline: Laminated lumber (stand columns) made from 100% Kyoto cedar trees

Size: L105mm×W105mm×H3m

JAS certified product

Process:
① Acquisition of raw materials
② Production
③ Transport
④ Use/maintenance
⑤ Disposal/recycle

Total amount (kg-CO₂/product): 12.1kg

Percentage of CO₂ emissions:
- 75% ①
- 8% ②
- 12% ③
- 0% ④
- 9% ⑤

Company name: HAYASHI PLYWOOD INDUSTRIAL CO., LTD.

Product name: Plywood made of Kyoto Cedar 12×910×1820mm

Final Product: PCR Name & ID: Wood, Wood Materials PA-CC-01

Product Outline: 100% grown in Kyoto cedars are used

Size: 12×910×1820mm (0.0199m³)

Process:
① Acquisition of raw materials
② Production
③ Transport
④ Use/maintenance
⑤ Disposal/recycle

Total amount (kg-CO₂/product): 5.78kg

Percentage of CO₂ emissions:
- 60% ①
- 25% ②
- 6% ③
- 0% ④
- 9% ⑤

Company name: Yamato Craft Co.,Ltd

Product name: W CUBE dust box YK06-012

Final Product: PCR Name & ID: Wood Products PA-CD-01

Product Outline: Garbage Box

- Product name: Garbage Box
- Product weight: 1.29kg
- Size: W200mm×D200mm×H33cm
- Materials: MDF (box), plywood (lid)
- Coating: Urethane resin paint

Process:
① Acquisition of raw materials
② Production
③ Transport
④ Use/maintenance
⑤ Disposal/recycle

Total amount (kg-CO₂/product): 4.14kg

Percentage of CO₂ emissions:
- 64% ①
- 13% ②
- 9% ③
- 0% ④
- 14% ⑤

The product appeals to consumers with a sophisticated interest in environmental issues.

We reduce CO₂ emissions from transport by using locally sourced materials.

As the product is wooden, the wood chips at the manufacturing stage and the incineration of the product during disposal stage are carbon neutral.

The product is handmade by craftsmen, reducing the environmental burden at the production stage.

The materials all use four-star standard formaldehyde. The coating does not contain toluene or xylene.

The recycled newspaper is used for the main materials.
We collaborate to a local NPO organization by recovery of a newspaper as part of a local contribution, and are utilizing resources.
Only electricity is used in a stage of production.
Heat and water are not used at all.
All the wastes that come out from a factory are recycled.
Transportation uses a modal shift.
In order to perform construction by blowing, there is no heat insulation deficit.

<table>
<thead>
<tr>
<th>Process</th>
<th>Acquisition of raw materials</th>
<th>Production</th>
<th>Transport</th>
<th>Use/maintenance</th>
<th>Disposal/recycle</th>
<th>Total amount (kg/CO₂)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage of CO₂ emissions</td>
<td>52%</td>
<td>10%</td>
<td>14%</td>
<td>12%</td>
<td>11%</td>
<td>11.9kg</td>
</tr>
</tbody>
</table>

Company name: Decos Co., Ltd.
Product name: Decos Fiber (Insulation material for construction)
PCR Name & ID: PA−CK−01

Product Outline (Verified in FY2011)
15 kg of product weight, tare weight 0.114 kg

Other Industrial Products

PCR Name
- Reuse battery (industrial lead battery) ............... PA-BK
- Pallet for Cargo and Transportation ............... PA-BG

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- The calculation coverage for carbon footprint has partly changed in FY2010 from that of FY2009. The Sale Process in the Transport/Care Process in FY2009 was eliminated in FY2010 by a섹시한이름을 사용하는 과정의 판매 단계로 간주.
- With regard to the lower section “Percentage of CO₂ emissions” for each product, an entry of “0%” in that section for a final product indicates that no CO₂ is emitted during the said process of that product. An entry of “…” for intermediate goods indicates that the said process is not included in the calculation coverage.