

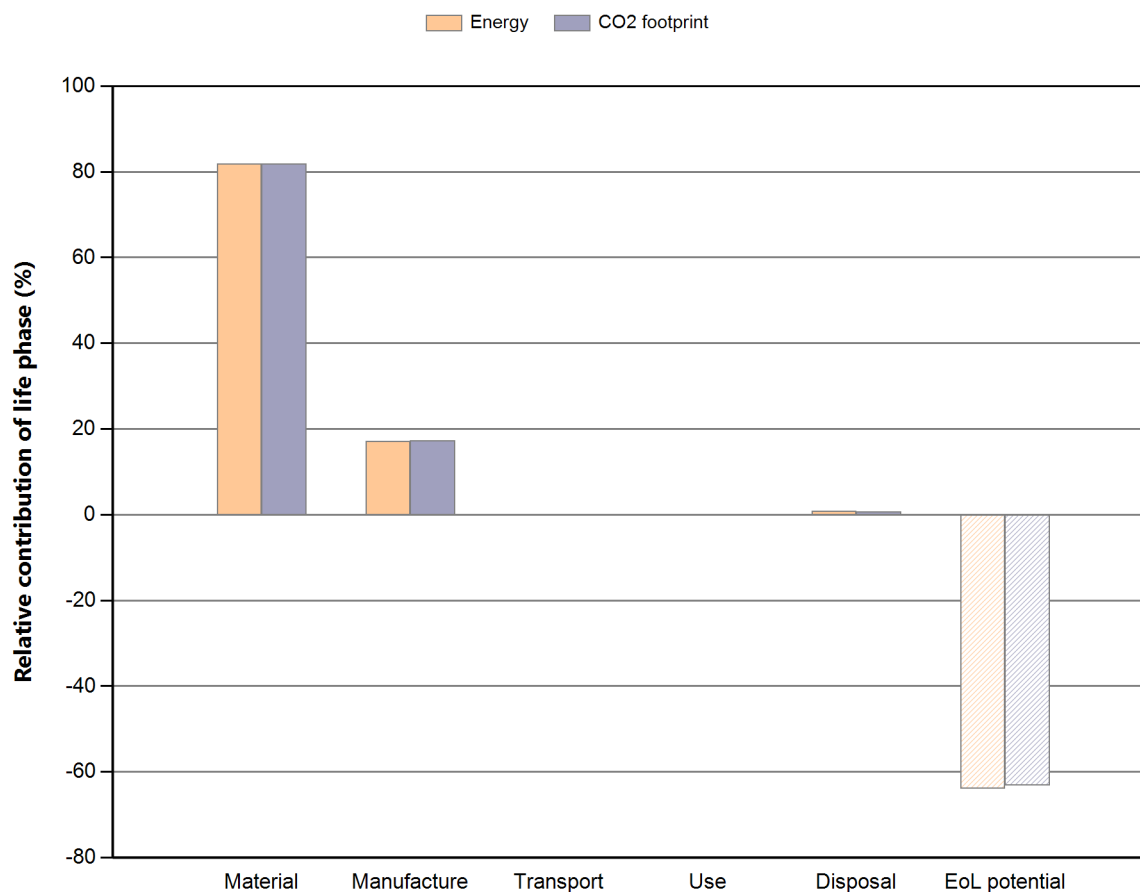
Eco Audit Report

Product name beschermkap RVS

Country of use Netherlands

Product life (years) 20

Summary:



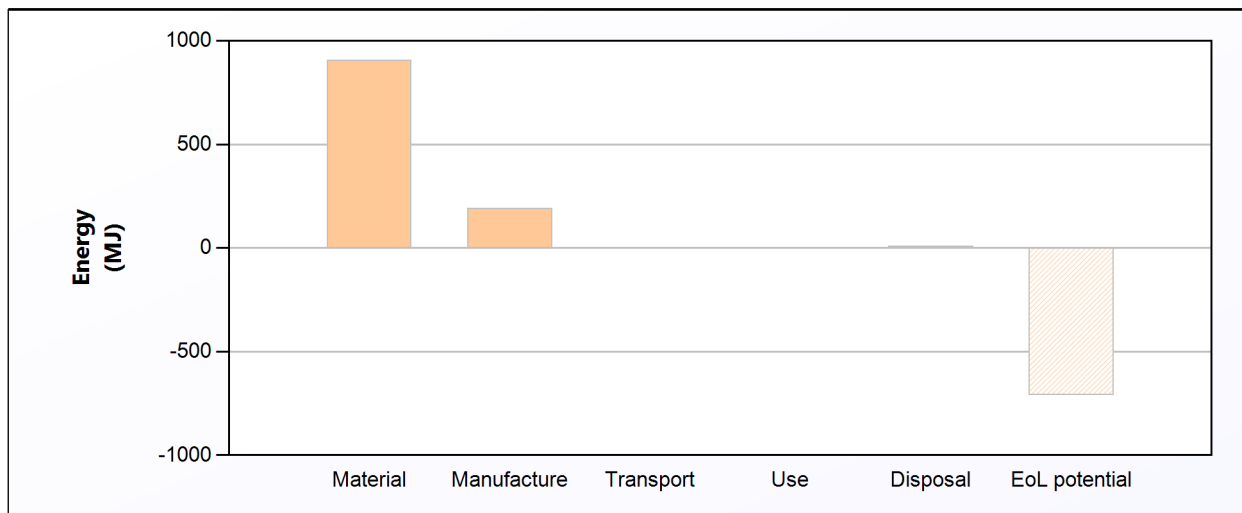
[Energy details](#)

[CO2 footprint details](#)

| Phase | Energy (MJ) | Energy (%) | CO2 footprint (kg) | CO2 footprint (%) |
|------------------------------|-----------------|------------|--------------------|-------------------|
| Material | 907 | 81,9 | 68 | 81,9 |
| Manufacture | 191 | 17,2 | 14,3 | 17,2 |
| Transport | 1,41 | 0,1 | 0,101 | 0,1 |
| Use | 0 | 0,0 | 0 | 0,0 |
| Disposal | 8,75 | 0,8 | 0,613 | 0,7 |
| Total (for first life) | 1,11e+03 | 100 | 83 | 100 |
| End of life potential | -708 | | -52,4 | |

Energy Analysis

[Summary](#)



| | Energy (MJ/year) |
|--|------------------|
| Equivalent annual environmental burden (averaged over 20 year product life): | 55,4 |

Detailed breakdown of individual life phases

Material:

[Summary](#)

| Component | Material | Recycled content* (%) | Part mass (kg) | Qty. | Total mass (kg) | Energy (MJ) | % |
|------------------------|-----------------|-----------------------|----------------|------|-----------------|-------------|------|
| RVS kap (geperforeerd) | Stainless steel | Virgin (0%) | 10 | 1 | 10 | 7,3e+02 | 80,0 |
| RVS frame | Stainless steel | Virgin (0%) | 2,5 | 1 | 2,5 | 1,8e+02 | 20,0 |
| Total | | | | 2 | 13 | 9,1e+02 | 100 |

*Typical: Includes 'recycle fraction in current supply'

Manufacture:

[Summary](#)

| Component | Process | Amount processed | Energy (MJ) | % |
|------------------------|-------------------------|------------------|-------------|------|
| RVS kap (geperforeerd) | Extrusion, foil rolling | 10 kg | 99 | 52,0 |
| RVS frame | Wire drawing | 2,5 kg | 92 | 48,0 |
| Total | | | 1,9e+02 | 100 |

Transport:

[Summary](#)

Breakdown by transport stage

| Stage name | Transport type | Distance (km) | Energy (MJ) | % |
|-------------|-------------------------|---------------|-------------|-------|
| vrachtwagen | 14 tonne (2 axle) truck | 75 | 1,4 | 100,0 |
| Total | | 75 | 1,4 | 100 |

Breakdown by components

| Component | Mass (kg) | Energy (MJ) | % |
|------------------------|-----------|-------------|------|
| RVS kap (geperforeerd) | 10 | 1,1 | 80,0 |
| RVS frame | 2,5 | 0,28 | 20,0 |
| Total | 13 | 1,4 | 100 |

Use:

[Summary](#)

Relative contribution of static and mobile modes

| Mode | Energy (MJ) | % |
|--------|-------------|-----|
| Static | 0 | |
| Mobile | 0 | |
| Total | 0 | 100 |

Disposal:

[Summary](#)

| Component | End of life option | Energy (MJ) | % |
|------------------------|--------------------|-------------|------|
| RVS kap (geperforeerd) | Recycle | 7 | 80,0 |
| RVS frame | Recycle | 1,8 | 20,0 |
| Total | | 8,8 | 100 |

EoL potential:

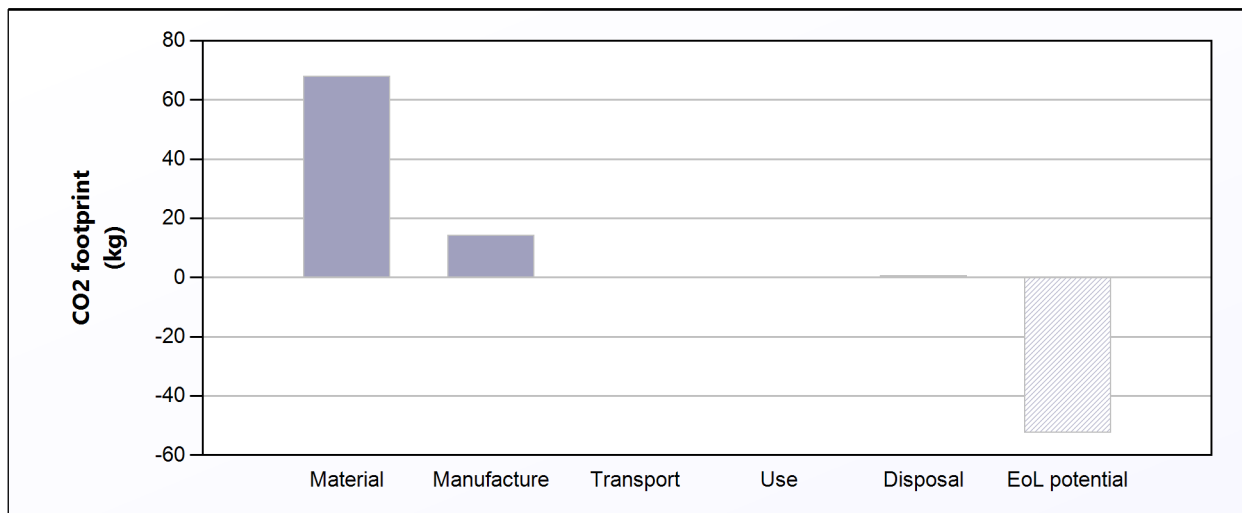
| Component | End of life option | Energy (MJ) | % |
|------------------------|--------------------|-------------|------|
| RVS kap (geperforeerd) | Recycle | -5,7e+02 | 80,0 |
| RVS frame | Recycle | -1,4e+02 | 20,0 |
| Total | | -7,1e+02 | 100 |

Notes:

[Summary](#)

CO2 Footprint Analysis

[Summary](#)



| | CO2 (kg/year) |
|--|---------------|
| Equivalent annual environmental burden (averaged over 20 year product life): | 4,15 |

Detailed breakdown of individual life phases

Material:

[Summary](#)

| Component | Material | Recycled content* (%) | Part mass (kg) | Qty. | Total mass (kg) | CO2 footprint (kg) | % |
|------------------------|-----------------|-----------------------|----------------|------|-----------------|--------------------|------|
| RVS kap (geperforeerd) | Stainless steel | Virgin (0%) | 10 | 1 | 10 | 54 | 80,0 |
| RVS frame | Stainless steel | Virgin (0%) | 2,5 | 1 | 2,5 | 14 | 20,0 |
| Total | | | | 2 | 13 | 68 | 100 |

*Typical: Includes 'recycle fraction in current supply'

Manufacture:

[Summary](#)

| Component | Process | Amount processed | CO2 footprint (kg) | % |
|------------------------|-------------------------|------------------|--------------------|------|
| RVS kap (geperforeerd) | Extrusion, foil rolling | 10 kg | 7,4 | 52,0 |
| RVS frame | Wire drawing | 2,5 kg | 6,9 | 48,0 |
| Total | | | 14 | 100 |

Transport:

[Summary](#)

Breakdown by transport stage

| Stage name | Transport type | Distance (km) | CO2 footprint (kg) | % |
|-------------|-------------------------|---------------|--------------------|-------|
| vrachtwagen | 14 tonne (2 axle) truck | 75 | 0,1 | 100,0 |
| Total | | 75 | 0,1 | 100 |

Breakdown by components

| Component | Mass (kg) | CO2 footprint (kg) | % |
|------------------------|-----------|--------------------|------|
| RVS kap (geperforeerd) | 10 | 0,081 | 80,0 |
| RVS frame | 2,5 | 0,02 | 20,0 |
| Total | 13 | 0,1 | 100 |

Use:

[Summary](#)

Relative contribution of static and mobile modes

| Mode | CO2 footprint (kg) | % |
|--------|--------------------|-----|
| Static | 0 | |
| Mobile | 0 | |
| Total | 0 | 100 |

Disposal:

[Summary](#)

| Component | End of life option | CO2 footprint (kg) | % |
|------------------------|--------------------|--------------------|------|
| RVS kap (geperforeerd) | Recycle | 0,49 | 80,0 |
| RVS frame | Recycle | 0,12 | 20,0 |
| Total | | 0,61 | 100 |

EoL potential:

| Component | End of life option | CO2 footprint (kg) | % |
|------------------------|--------------------|--------------------|------|
| RVS kap (geperforeerd) | Recycle | -42 | 80,0 |
| RVS frame | Recycle | -10 | 20,0 |
| Total | | -52 | 100 |

Notes:

[Summary](#)