

EPD reference: MD-20042-EN_rev1

Give Steel A/S

Structural steel, painted (share scrap steel: 80 %)

The assessment is valid until 18.12.2025, provided published on www.byggeportalen.no/EcoProduct
This printed report is valid until 31.12.2022.

No. 6938

Indoor climate

- Emission of gases: 1
- Odor discontent: -

Energy

- Energy consumption: 6

Resource use

- Raw material resources: 3

Hazardous substances

- Content of hazardous substances: 3

Greenhouse effect

- Global warming potential (GWP): 8

Circular economy

- Suitability for recycling: 3

Manufacturer: Give Steel A/S
Generic product: Structure Steel
Product group: Beams, columns and wall studs
Assumed technical lifetime: 60 years
Moisture resistance: Not affected
Cleanability: Not applicable
Reference value GWP: 568.47 kg/m³ ¹⁾

Structure Components:
 222 Columns
 223 Beams

Distribution of energy consumption used as raw materials:
 15.6 % renewable primary energy
 84.4 % non renewable primary energy

¹⁾ The reference value for global warming potential is based on other products within the same product group registered in the ECOproduct database. This reference value is adjusted 31.12. each year and may affect the score for GWP in the subsequent year.

ECOproduct assesses the actual climate and environmental impact of construction products within the four categories above, based on a product specific environmental declaration (EPD) according to ISO 14025 and NS-EN 15804.

The product is ranked on a scale of 1-8 in each of these environmental categories, where 1 is the best. The green, white and red symbol appears in addition to the characters in order to visualize the assessment score.

Ranking:

- 1 Excellent
- 2 Good
- 3 Average to good
- 4 Average
- 5 Adjoining average
- 6 Marginally average
- 7 Poor
- 8 Very poor (or incomplete)