

Product Sustainability Declaration

Chicago Metallic™ Suspension grids



Our sustainable commitment

Our commitment to sustainability is guided by our deep-rooted values and the ROCKWOOL commitment to enrich the lives of everyone who comes into contact with our products.

Rockfon® high-quality ceiling solutions provide excellent longevity and life-cycle value. Our ceiling solutions deliver acoustic comfort by reducing noise and sound reverberation, helping to improve working, learning and healing environments.

Our product sustainability declaration is set around major sustainability building schemes, detailing the sustainable characteristics of this product. The document helps provide a clear and quick overview to architects, specifiers and property owners alike.

The sustainability declaration

- Sourcing of raw materials
- Environmental product declarations
- Indoor health properties
- Material ingredients
- Corporate sustainability reporting

LEED® v4 Highlights

Materials and resources (MR)

- Construction & Demolition Waste Management Planning
- Interiors Life Cycle Impact Reduction - Design for Flexibility
- Building product disclosure and optimisation - environmental product declarations
- Building product disclosure and optimisation - sourcing of raw materials
- Building product disclosure and optimisation - material ingredients
- Construction and demolition waste management

Indoor Environmental Quality (EQ)

- Low-emitting materials
- Interior lighting
- Acoustic Performance

BREEAM® International Highlights

Health and Wellbeing

- Hea 01 Visual comfort
- Hea 02 Indoor quality
- Hea 05 Acoustic performance

Materials

- Mat 01 Life cycle impacts
- Mat 03 Responsible sourcing of construction products
- Mat 06 Material efficiency

Waste

- Wst 01 Construction waste management
- Wst 04 Speculative finishes
- Wst 06 Functional adaptability

Performance



Reaction to fire

A1 (Standard),
A2-s1,d0 (Color-all)



Corrosion resistance

Classes B to D



Load bearing capacity

Please check detailed table
in product datasheet



Environment

Fully recyclable



Hygiene

Metal Grid provides no
sustenance to microorganisms



Environment

Sourcing of raw materials

Recycled content

According to ISO 14021, the average recycled content of Chicago Metallic suspension grids is calculated to be above >21%.

Depending on the availability of scrap at the steel mill, recycled content can be 25%, with approximately 16% coming from post-industrial/ pre-consumer recycled material and the remaining 9% coming from post-consumer recycled material. The information provided under recycled content is self-declared.

Responsible sourcing

>90% of all suppliers identified as key suppliers to the ROCKWOOL Group have currently signed the ROCKWOOL Code of Conduct for Suppliers.

The ROCKWOOL Code of Conduct addresses laws and standards compliance, equal opportunities, trade union recognition, fair employment, safe and healthy working conditions, no child labour, sound environmental principles, purchasing ethics and bribery.

The ROCKWOOL Group conducts more than 100 supplier evaluations annually where suppliers are visited to ensure that, among other things, quality requirements are met.

Transport distance

Chicago Metallic grids are made from steel coils that are produced by third party suppliers using the highly efficient integrated steelmaking route.

The materials supplied to our European factory in Wijnegem, Belgium come from Western Europe or Asia and the supply shares fluctuate. The average road transport distance for materials from Western Europe is approximately 220km. The average sea transport distance for materials from Asia is approximately 1000 nautical miles.

End-of-life recycling

This product is applicable for closed loop recycling. Chicago Metallic grids and components are valued recyclable products. In most countries, they can be sold to the nearest recycling facility.

Recycling construction and demolition waste reduces the amount of waste that is sent to landfill and incineration facilities.

Environmental product declarations

An industry average EPD based on data from multiple manufacturers and verified according to ISO 14025 and EN 15804+A1 by an independent third party is available for example at ibu-epd.com. Chicago Metallic suspension grids are made from galvanised and/or pre-painted steel produced by various third parties. This production procedure is normal market practice, meaning that there is no distinct characteristics for recycled content and EPD figures that distinguishes different producers.

Renewable Energy

Our European metal grid factory in Wijnegem, Belgium produces more than 1million kWh of electricity via approximately 7000 solar panels on the factory roof. Part of this electricity is used by the factory itself. 60% of the factory's energy consumption comes from a renewable resource.



Product health

Low emitting materials

This product is certified for low emissions. Laboratories employed by Rockfon are accredited under ISO/IEC 17025 for the applied test methods.

Material ingredients

Rockfon materials are regularly screened against the REACH candidate list; biocides/pesticide, flame retardants, azodyes, nitrosamines and aromatic amines, halogenated compounds, nanomaterials, plastic softeners, surfactants and classified substances, among others, by an independent third party (Altox Ltd). Over 99% of Chicago Metallic grids are made out of galvanised and/or pre-painted steel. The remaining 1% are products made out of spring steel, aluminium or combinations. Rockfon Chicago Metallic grids produced in Europe comply with REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). The grids do not contain substances of very high concern (SHVC) in concentrations >0.01% (100 ppm).



Corporate sustainability reporting

Sustainability reporting

The ROCKWOOL Group's Sustainability report covers the calendar year and is in line with the Global Reporting Initiative (GRI G4) guidelines.

The report is available for download on www.rockwoolgroup.com/sustainability

09.2018 | This document is valid 3 years from date created.

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