

General Information

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This Annex is based on an Environmental Product Declaration:

Structural steel, 10-2013
Hot dip galvanized structural steel, 10-2013
(EPD verified independently)

Issue date

2013

Valid to

2018

(Hot dip galvanized) Structural Steel: Sections and Plates

Owner of the Annex

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Industrieverband Feuerverzinken e.V.
Graf-Recke-Str. 82
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Scope:

This environmental product declarations cover blank and hot-dip galvanized steel products rolled out to structural sections, merchant bars and heavy plates, intended for bolted, welded or otherwise connected constructions of buildings, bridges and other structures.

This environmental product declaration are valid for the following products:

Plates produced by Dillinger Hütte and GTS Industries, Tata Steel on the Site Scunthorpe and Ilseburger Grobblech GmbH.

Sections produced by ArcelorMittal with the sites in Ostrava, Differdange, Dabrowa, Esch-Belval, Bergara, Hunedoara, Madrid, Olaberria, Zaragoza, Warszawa and Rodange, Tata Steel with the sites in Scunthorpe and Lackenby as well as Peiner Träger GmbH and Stahlwerk Thüringen GmbH. The owner of the declaration shall be liable for the underlying information and evidence.

LEED rating system and Version

LEED v4

Product

Product description

1 t of structural steel (sections and plates). It covers steel products of the grades S235 to S960 rolled out to structural sections, merchant bars and heavy plates.

Application

Structural steels are intended for bolted, welded or otherwise connected constructions of buildings, bridges and other structures, or in composite steel and concrete structures.

Examples:

- single storey buildings (industrial and storage halls, etc.)
- multistorey buildings (offices, residential buildings, shops, car parks, high rise, etc.)
- bridges (railway bridge, road bridge, pedestrian bridge, etc.)

LEED—Materials and Resources (MR)

MR Credit 4: Recycled Content

List of waste materials during construction

Name	Value	Unit
Total weight of the product	1000	kg
Postconsumer recycled content	62	%
Pre-consumer recycled content	8	%

MR Credit 4: Recycled Content

Relevant for:
Every product.

Requirements:
Certified Report encouraged but not yet required: Indication of the recycled content distinct to Post- and Pre-consumer recycled content.

Target on building level:
10-20% recycled content based on total costs of the building.

Info:
MR Credit 4: 1-2 points