

Product Verification

Sustainability

Self declared according to LEED Building Design and Construction V4 (2015)

■ Product Systems

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM

PohlCon GmbH (JORDAHL)

The product portfolio of JORDAHL channel systems includes cast-in anchor channels of the type JTA, JXA and JZA, as well as weldable or screwable mounting channels of the type JM, JML and JXM, in hot-rolled and cold-formed design, including the corresponding hammer-head, hook-head and toothed bolts. The JORDAHL cast-in anchor and mounting channels consist of a C-shaped profile made of steel or stainless steel and matching special bolts. The JORDAHL cast-in anchor channels additionally consist of at least two anchors permanently mounted on the back of the profile. These anchors are formed as round anchors or I-anchors. Cast-in anchor channels are set in concrete flush with the surface. Mounting rails are directly welded onto the substrate. JORDAHL special bolts are mounted in the profiles with corresponding hexagon nuts and washers.

The mounting channels as declared are available in bright-rolled and galvanized steel as well as stainless steel. The cast-in anchor channel as declared product is available in galvanized or stainless steel. A distinction is made between mounting or cast-in anchor channels with smooth profile lips (JM, JML, JTA) and serrated profile lips (JXM, JXA, JZA). They transfer high loads from tensile and transverse or longitudinal tension.

<https://pohlcon.com/en/products/fastening>



■ Product Assessment

Materials and Resources

Criteria	Product Verification
MR Credit Life-Cycle Impact Reduction - Option 4: Whole-Building Life-Cycle Assessment	EPD available: Yes
MR Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration	100 % weighted value
MR Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization	100 % weighted value
MR Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting	100 % weighted value
MR Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices	178 % weighted value
MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization	100 % weighted value
MR Credit BPDO - Material Ingredients - Option 3: Product Manufacturer Supply Chain Optimization	0 % weighted value
Location Valuation Factor	No

Indoor Environmental Quality

Criteria	Product Verification
EQ Credit Low-Emitting Materials (except Healthcare and Schools)	Yes

Legend: yes = Product contributes toward satisfying the credit, N/A = Product not relevant in the credit, no = Credit requirements are not proven

■ Summary

The product contributes to the certification:

- The product has an Environmental Product Declaration (EPD), which can be used to calculate the building life cycle assessment under LEED MR Building Life-Cycle Impact Reductions - Option 4: Whole-Building Life-Cycle Assessment: EPD available: Yes
- Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration: 100 % weighted value



- Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization: 100 % weighted value
- Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting: 100 % weighted value
- Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices: 178 % weighted value
- Weighted Product Value on Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization: 100 % weighted value
- Weighted Product Value on Credit BPDO - Material Ingredients - Option 3: Supply Chain Optimization: 0 % weighted value
- Information for Location Valuation Factor is available: No
- The entire product contributes toward satisfying EQ Credit: Low-Emitting Materials: Yes

■ Ecolabels & Product-Assessments

EPD

EPD Institut Bauen und Umwelt e.V.



■ Product Properties

Ingredients:

Recycled content pre-consumer:	90 wt%
Reused content	80 wt%
Percentage of the product's composition, that is known to the chemical ingredient level	100 wt%
To what level of detail is the product composition known?	1 ppm
SVHC according REACH < 0,1 %:	Yes

Manufacturer:

Environmental Management System according ISO 14001:	No
Are reverse logistics in place for the product?	No

Circularity:

Has the product been designed for reuse, refurbishment or remanufacturing?	No
Is the product designed for a recycling of equal quality?	Yes
Was the product designed for biodegradation?	No
Product was designed with cycling in mind.	No
Was the product specifically designed for clean and rapid disassembly?	No
Was the Product designed for emission or direct dispersal?	No
Was the product designed for clean incineration?	No

Life Cycle Assessment:

Functional use period	50 a
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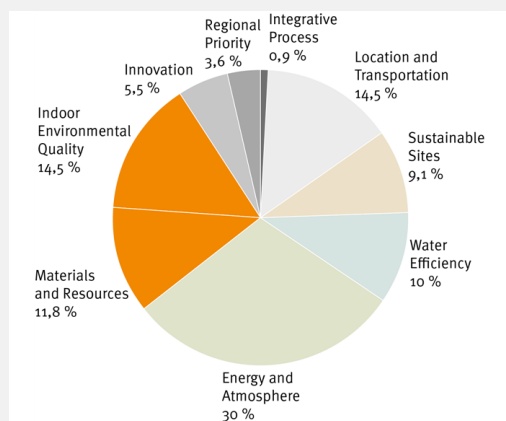
■ System description

This verification is the evaluation and ranking of products in terms of the certification system LEED version 4 (Building Design and Construction). The USGBC (U.S. Green Building Council) generally does not certify products. Therefore the project team or the manufacturer is responsible to declare compliance with respect to the LEED criteria. Notice: This verification is generated by the Assessment Service of BMS. The distribution or publication by third parties is not permitted. The data sheet is not a LEED certification document. The information is based on the manufacturer's specifications. Despite a diligent treatment of all information BMS can not make any warranties about the completeness, reliability and accuracy of this information. The requirements of LEED can be interpreted differently and depend on the project and scope of application. Therefore, BMS cannot accept any liability for the evaluation in terms of the LEED criteria. The user of the data sheet, the user / purchaser of the product and the consultant / planner, who is advising on this product has the duty to check the product for the intended application at their own responsibility. When a new version of this product verification is produced, the previous version loses its validity.

Source: www.usgbc.org

■ System categories

Category Weighting



Category

Category considered in product verification

Integrative Process (IP)	No
Location and Transportation (LT)	No
Sustainable Sites (SS)	No
Water Efficiency (WE)	No
Energy and Atmosphere (EA)	No
Materials and Ressources (MR)	Yes
Indoor Environmental Quality (EQ)	Yes
Innovation (IN)	No
Regional Priority (RP)	No

Source: LEED v4 - New Construction

Detailed Verification

Self declared according to LEED Building Design and Construction V4 (2015)

Materials and Resources

MR Credit Life-Cycle Impact Reduction - Option 4: Whole-Building Life-Cycle Assessment

The product has an Environmental Product Declaration (EPD), which can be used to calculate the building life cycle assessment under LEED MR Building Life-Cycle Impact Reductions - Option 4: Whole-Building Life-Cycle Assessment:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	EPD available: Yes
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An environmental product declaration exists for the product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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EPD Owner of the Declaration:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	JORDAHL GmbH
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EPD Publisher:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Institut Bauen und Umwelt e.V. (IBU)
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EPD Programme holder:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Institut Bauen und Umwelt e.V. (IBU)
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EPD Declaration number:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	EPD-JDL-20200260-IBB1-DE
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EPD Issue date:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	18.03.2021
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EPD valid to:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	17.03.2026
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MR Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration

Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	100 % weighted value
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An environmental product declaration exists for the product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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EPD Type:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Product-specific EPD (Type III) conform to ISO 14025, 14040, 14044, and EN 15804 or ISO 21930
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■ MR Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization

Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	100 % weighted value
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An environmental product declaration exists for the product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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Third party certified products that demonstrate impact reduction below industry average in at least three of the LCA-Categories GWP, ODP, AP, EP, POCP and ADPF:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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■ MR Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting

Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	100 % weighted value
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There is a corporate sustainability reports (CSR) report from the manufacturer:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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CSR-Report according:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	ISO 26000: 2010 Guidance on Social Responsibility - Third-party verified
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■ MR Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices

Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	178 % weighted value
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Extended producer responsibility

Content of materials for a closed-loop recycling or take-back programm in the entire product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	0 %
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Bio-based materials

Content of SAN-certified bio-based materials in the entire product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	0 %
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Wood products



Content of FSC-certified wood-based materials in the entire product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	0 %
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Materials reuse

Content of salvaged, refurbished, or reused products or materials in the entire product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	80 %
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The product is made of salvaged, refurbished, or reused products:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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Do you want to enter the content of FSC-certified materials for the entire product? Otherwise it will be automatically calculated from the components. If you do not have any components for your product, we recommend that you enter here the content of FSC certified materials for the entire product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No
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Reused content

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	80 wt%
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Recycled content

Creditable recycled content according to LEED for the entire product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	98 %
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Postconsumer recycled content for the entire product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	0 %
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Do you want to enter the recycled content for the entire product? Otherwise it will be automatically calculated from the components. If you do not have components for your product, we recommend that you enter the recycling percentage for the entire product here:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No
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Postconsumer recycled content of product (creditable):

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	0 %
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Postconsumer recycled content for steel according to LEED:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	0 %
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The product is made of steel:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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Recycled content pre-consumer:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	90 wt%
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Preconsumer recycled content for the entire product:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	90 %
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■ MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization

Weighted Product Value on Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	100 % weighted value
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The product contains no ingredients listed on the REACH Authorization list – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list. This is proved down to fully inventoried chemical ingredients to 100 ppm (0,01 %):

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen List Translator":

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No
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The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen Assessment":

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No
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Certified with Cradle to Cradle:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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Cradle to Cradle Standard Version:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No Information
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Cradle to Cradle Level:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No Information
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■ MR Credit BPDO - Material Ingredients - Option 3: Product Manufacturer Supply Chain Optimization

Weighted Product Value on Credit BPDO - Material Ingredients - Option 3: Supply Chain Optimization:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	0 % weighted value
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Environmental Management System according ISO 14001:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No
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Manufacturer is certified according OHSAS 18000 - Health and Safety Management System:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No
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■ Location Valuation Factor

Information for Location Valuation Factor is available:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No
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Place of raw material extraction (e.g D-70563 Stuttgart):

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Essen
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Place of manufacture (e.g. D-70563 Stuttgart):

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Berlin
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Place of purchase incl. distribution (e.g. D-70563 Stuttgart):

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	No Information
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The distance between place of raw material extraction and manufacture is less than 100 miles/160 km:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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■ Indoor Environmental Quality

■ EQ Credit Low-Emitting Materials (except Healthcare and Schools)

The entire product contributes toward satisfying EQ Credit: Low-Emitting Materials:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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The product contributes toward satisfying EQ Credit 4: Low-Emitting Materials:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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Inherently nonemitting sources

The entire product contributes toward satisfying EQ Credit 4: Low Emitting Materials, Category inherently nonemitting sources:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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The product contributes toward satisfying EQ Credit 4: Low Emitting Materials, Category inherently nonemitting sources:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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The product is an inherently nonemitting source, like stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood flooring:

JORDAHL CHANNEL SYSTEMS JTA, JXA, JZA and JM, JML, JXM	Yes
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■ Contact Details Manufacturer

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■ Disclaimer

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