

Product Verification

Sustainability

Self declared according to BNB BN 2015

■ Product Systems

F 1200+

GEZE GmbH

The F 1200+ (IQ windowdrive) in an attractive design is used for natural ventilation of inward-opening aluminium tilt and turn windows. In addition, the F 1200+ is the optimal solution for convenient opening and locking of particularly large windows. With the new drive, operating large and heavy tilt and turn windows is even easier, faster and safer.

The F 1200+ has a very powerful motor that can turn and tilt window elements with a sash weight of up to 200 kg - and is exceptionally quiet at the same time. Another highlight is the intuitive operating concept: a proximity sensor activates the control panel as soon as a person approaches. The capacitive touch buttons and an LED display make operation child's play.

- Opening width: 180 mm
- Opening speed: 11 mm/s
- max. sash width: 3,5 m
- max. sash height: 2,4 m
- max. sash weight: 200 kg

<https://www.geze.de/de/>



Product Assessment

Environmental Quality

Criteria

Product Verification

1.1.1/1.1.2/1.1.3/1.1.4/1.1.5/1.2.1 Life Cycle Assessment (Updated on: 01.03.2017)	EPD available: Yes
1.1.6 Local environmental impact (Updated on: 28.09.2017)	Quality level 3 of 5
1.1.7 Sustainable material extraction / biodiversity (Updated on: 01.03.2017)	N/A

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: EPD available: Yes
- Achieved quality level in BNB Criteria 1.1.6 Local environmental impact for the entire product: Quality level 3 of 5

Product Properties

Ingredients:

Manufacturer:

Are reverse logistics in place for the product? No

Environmental Management System according ISO 14001: Yes

Product Components

Name	Amount	Material type		Total Weight	Specific Weight	Portion (%)
		/ Function	DfD			
Steel galvanized	28.100		N/A	28.100	1 kg / kg	28.10 %
aluminium	20.600		N/A	20.600	1 kg / kg	20.60 %
copper	3.500		N/A	3.500	1 kg / kg	3.50 %
Stainless steel	2.500		N/A	2.500	1 kg / kg	2.50 %
Zinc die-cast	30.300		N/A	30.300	1 kg / kg	30.30 %

Plastics	5,100		N/A	5,100	1 kg / kg	5,10 %
Lacquer	0,100		N/A	0,100	1 kg / kg	0,10 %
-	0,100		N/A	0,100	1 kg / kg	0,10 %
-	2,200		N/A	2,200	1 kg / kg	2,20 %
-	5,900		N/A	5,900	1 kg / kg	5,90 %
-	0,200		N/A	0,200	1 kg / kg	0,20 %
-	1,000		N/A	1,000	1 kg / kg	1,00 %
-	0,100		N/A	0,100	1 kg / kg	0,10 %
-	0,300		N/A	0,300	1 kg / kg	0,30 %

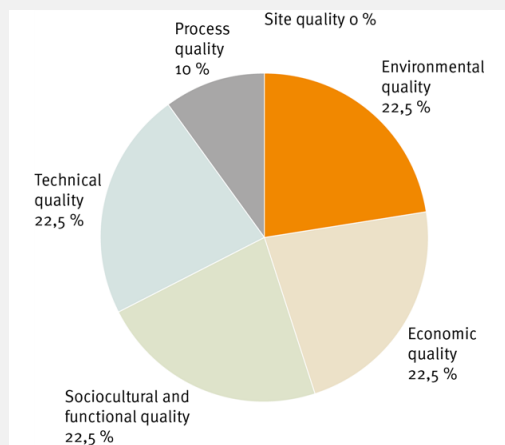
■ System description

In cooperation between the Bundesbauministerium/Bundesinstitut für Bau-, Stadt- und Raumforschung (BBSR) and the German Sustainable Building Council e. V. (DGNB) the System "Bewertungssystem Nachhaltiges Bauen (BNB)" for federal buildings was developed. The BNB system evaluates buildings holistically on the basis of individual criteria within the categories Ecological Quality, Economic Quality, Sociocultural and Functional Quality, Technical Quality, Process Quality and Location Quality. Buildings can achieve a certification in Bronze, Silver and Gold.

Source: www.bnb-nachhaltigesbauen.de

■ System categories

Category Weighting



Category

Category considered in product verification

Environmental quality	Yes
Economic quality	No
Sociocultural quality	No
Technical quality	No
Process quality	No
Site quality	No

Source: BNB 2015

Detailed Verification

Self declared according to BNB BN 2015

■ Environmental Quality

■ 1.1.1/1.1.2/1.1.3/1.1.4/1.1.5/1.2.1 Life Cycle Assessment (Updated on: 01.03.2017)

The product has an Environmental Product Declaration (EPD) which can be used to calculate the building life cycle assessment:

F 1200+	EPD available: Yes
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An environmental product declaration exists for the product:

F 1200+	Yes
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

EPD Owner of the Declaration:

F 1200+	Geze GmbH
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	No Information
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

EPD Publisher:

F 1200+	ift Rosenheim GmbH
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	No Information
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

EPD Programme holder:

F 1200+	LCEE GmbH
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	No Information
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

EPD Declaration number:

F 1200+	M-EPD-AZR-104
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	No Information
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

EPD Issue date:

F 1200+	18.12.2018
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	No Information
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

EPD valid to:

F 1200+	18.12.2023
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	No Information
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

■ 1.1.6 Local environmental impact (Updated on: 28.09.2017)

Achieved quality level in BNB Criteria 1.1.6 Local environmental impact for the entire product:

F 1200+	Quality level 3 of 5
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Achieved quality level in BNB Criterion 1.1.6 Local environmental impact:

F 1200+	Quality level 5
Steel galvanized	Quality level 5
aluminium	Quality level 3
copper	Quality level 5
Stainless steel	Quality level 5
Zinc die-cast	Quality level 5
Plastics	Quality level 5
Lacquer	Quality level 4
Gummi	Quality level 5
Ferrit-Magnet	Quality level 5
Messing	Quality level 5
PU-Schaum	Quality level 5
Graphit	Quality level 5
Textilfaser	Quality level 5
Mineralfaser	Quality level 5

Flooring - textile floor coverings (DGNB ENV1.2 Row 6 / BNB BN 2015 1.1.6 Row 1):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Flooring - Resilient flooring – with and without laminated installation or insulation underlay (BNB BN 2015 1.1.6
Row 2a):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Flooring - Floor coverings made of wood-based materials – also systems (BNB BN 2015 1.1.6 Row 2b):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Coatings - Lacquers, glazes, mordants including primer coatings on NON-mineral floorings (BNB BN 2015 1.1.6 Row 3b):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Coatings - Fillers (including Q-fillers), dust-binding coatings/primers, concrete protective coatings (BNB BN 2015
1.1.6 Row 4):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Coatings - Interior wall/ceiling colours (BNB BN 2015 1.1.6 Row 5):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Coatings - Exterior wall paints including primers (BNB BN 2015 1.1.6 Row 6a)

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Adhesives - Dispersion and PU adhesives (BNB BN 2015 1.1.6 Row 6b):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Impregnations and strengtheners - for natural stone floorings (DGNB ENV1.2 Row 10 / BNB BN 2015 1.1.6 Row 7):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Adhesives and sealants - (PU, SMP, acrylate, dispersion, silicone) (BNB BN 2015 1.1.6 Row 8):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Adhesives and sealants (PU, PU hybrid, MS polymer, SMP or the like) - for making the façade airtight (BNB BN 2015 1.1.6 Row 9):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Installation materials for ceramic wall/floor tiles and slabs (BNB BN 2015 1.1.6 Row 10a):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Primers, precoats, fillers and adhesives for wall and floor coverings (BNB BN 2015 1.1.6 Row 10b):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Epoxy resin, PU, dispersion and PMMA coatings (BNB BN 2015 1.1.6 Row 11):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Adhesives - for wallpapers (DGNB ENV1.2 Row 4 / BNB BN 2015 1.1.6 Row 12):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Coatings (corrosion protection coatings C3) - on load-bearing metal components (DGNB ENV1.2 Row 17 / BNB BN 2015 1.1.6 Row 14):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Corrosion protection coatings (max. corrosiveness category C4 high) - on load-bearing components (BNB BN 2015 1.1.6 Row 15):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Coatings (reactive PU products) - on mineral floor, ceiling and wall surfaces (DGNB ENV1.2 Row 20 / BNB BN 2015 1.1.6 Row 17):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Coatings (EP-product)s - on mineral surfaces of floors, ceilings and walls (DGNB ENV1.2 Row 23 / BNB BN 2015
1.1.6 Row 19):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Epoxy resin and PU coatings with special resistance requirements for floor and wall surfaces (BNB BN 2015 1.1.6
Row 20a):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

PMMA liquid plastic coatings with special resistance requirements for floor, wall and roof surfaces (BNB BN 2015 1.1.6 Row 20b):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Bitumen products - for roof and building waterproofing as well as installation of insulation (DGNB ENV1.2 Row 25 / BNB BN 2015 1.1.6 Row 21):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Bitumen products - compound sealants for inverted roofs (DGNB ENV1.2 Row 26 / BNB BN 2015 1.1.6 Row 22):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Coatings (oils and waxes) - on wooden surfaces (DGNB ENV1.2 Row 27 / BNB BN 2015 1.1.6 Row 23):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Wood preservatives - on load-bearing internal and external wood components (DGNB ENV1.2 Row 28 / BNB BN 2015 1.1.6 Row 24):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Wood preservatives - on external wood components (DGNB ENV1.2 Row 29 / BNB BN 2015 1.1.6 Row 25):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Timber preservative agents - Chemical impregnation of non-supporting components (DGNB ENV1.2 Row 30 / BNB BN 2015 1.1.6 Row 26):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Construction products out of plastic - Construction products of PVC (BNB BN 2015 1.1.6 Row 29):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Roof covering, gutters, downpipes (DGNB ENV1.2 Row 34 / BNB BN 2015 1.1.6 Row 30):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Insulation materials - EPS/XPS/PUR/PIR, melamine and phenolic foams for building technology and building services(BNB BN 2015 1.1.6 Row 32a):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Insulation materials - Rubber-like insulation products based on rubber and PP/PE/EPDM for the building and its services (BNB BN 2015 1.1.6 Row 32b):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

On-site foam - Injection and assembly foams (BNB BN 2015 1.1.6 Row 33):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Refrigerants - Cooling systems, building technology (DGNB ENV1.2 Row 37 / BNB BN 2015 1.1.6 Row 34):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Facade plasters (BNB BN 2015 1.1.6 Row 35):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Insulation materials - Mineral and non-mineral exterior wall insulation (exterior wall colors see BNB BN 2015 1.1.6 Row 6, plasters see BNB BN 2015 1.1.6 Row 35) (BNB BN 2015 1.1.6 Row 36a):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Insulation materials - Mineral and non-mineral interior insulation (BNB BN 2015 1.1.6 Row 36b):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Seasling sheetings - Polymer bitumen sheetings (BNB BN 2015 1.1.6 Row 37):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Wood-based materials - chipboard, core, fiber and medium-density fiber wood, plywood, solid wood and OSB panels as well as laminated veneer lumber (coated or uncoated) (BNB BN 2015 1.1.6 Row 41):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Concrete release agents - mould oils and release agents for concreting (DGNB ENV 1.2 Row 14 / BNB BN 2015
1.1.6 Row 43):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Fire protection fillers, fire protection coatings for cables, fire protection silicones (BNB BN 2015 1.1.6 Row 44):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Glass fiber fabrics, shielding nonwovens (BNB BN 2015 1.1.6 Row 45):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Wood preservative preparations, treated wood and wood-based materials (BNB BN 2015 1.1.6 Row 46a):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Insulation materials from renewable raw materials (e.g. cellulose, wood fiber boards, wood wool, sheep wool, etc.)
(BNB BN 2015 1.1.6 Row 46b):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Manufacturer statement regarding REACH is available:

F 1200+	Yes
Steel galvanized	Yes
aluminium	Yes
copper	No
Stainless steel	Yes
Zinc die-cast	Yes
Plastics	Yes
Lacquer	Yes
Gummi	No
Ferrit-Magnet	No
Messing	Yes
PU-Schaum	No
Graphit	Yes
Textilfaser	Yes
Mineralfaser	Yes

Row 3a: On-site processed surface coatings and factory-made surface coatings, if there is no proof in accordance with BIMSchV or TA-Luft - Lacquers, varnishes, stains including primer coatings (acc. to Decopaint-RL cat. D + E + F) (coatings on non-mineral surfaces indoors and outdoors)

Achieved quality level in BNB 1.1.6 Row 3a for the entire product:

F 1200+	Quality level 4
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Achieved quality level in BNB 1.1.6 Row 3a:

F 1200+	No Information
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	Quality level 4
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

Coatings - Lacquers, glazes, mordants including primer coatings on NON-mineral surfaces (BNB BN 2015 1.1.6 Row 3a):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	Yes
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Waterbased product:

F 1200+	No Information
Steel galvanized	No
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	Yes
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

VOC content:

F 1200+	No Information
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	≤ 14.7 g/l
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

Free of lead, cadmium and chrome-VI:

F 1200+	No Information
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	Yes
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

Content of reproductive phthalates < 0.1%:

F 1200+	No Information
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	Yes
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

Certified RAL-UZ (Blue Angel) Standard:

F 1200+	No Information
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	no entry
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

Row 13: On-site processed surface coatings and factory surface coatings, unless proof according to BIMSchV or TA-Luft is available - Corrosion protection coatings for internal components (max. corrosiveness category C2 high) according to Decopaint-RL cat. I and J

Achieved quality level in BNB 1.1.6 Row 13 for the entire product:

F 1200+	Quality level 5
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Achieved quality level in BNB 1.1.6 Row 13:

F 1200+	No Information
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	Quality level 5
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

Coatings (corrosion protection coatings C2) - on load-bearing metal components (DGNB ENV1.2 Zeile 16 / BNB BN 2015 1.1.6 Zeile 13):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Row 16: On-site processed surface coatings and factory surface coatings, unless proof according to BIMSchV or TA-Luft is available - Corrosion coatings and effect coatings (e.g. metallic effect lacquers) for non-supporting metal parts (according to Decopaint-RL cat. I + J)

Achieved quality level in BNB 1.1.6 Row 16 for the entire product:

F 1200+	Quality level 5
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Achieved quality level in BNB 1.1.6 Row 16:

F 1200+	No Information
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	No Information
Zinc die-cast	No Information
Plastics	No Information
Lacquer	Quality level 5
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

Coatings (corrosion protection coatings and effect coatings) - on NON-load-bearing metal components (DGNB ENV1.2 Row 19 / BNB BN 2015 1.1.6 Row 16):

F 1200+	No Information
Steel galvanized	No
aluminium	No
copper	No
Stainless steel	No
Zinc die-cast	No
Plastics	No
Lacquer	No Information
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Row 27: Surface finishing - Anodized aluminum and passivated stainless steel surfaces

Achieved quality level in BNB 1.1.6 Row 27 for the entire product:

F 1200+	Quality level 3
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Achieved quality level in BNB 1.1.6 Row 27:

F 1200+	No Information
Steel galvanized	No Information
aluminium	Quality level 3
copper	No Information
Stainless steel	Quality level 5
Zinc die-cast	No Information
Plastics	No Information
Lacquer	No Information
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

Surface finishing - Anodised aluminum and passivated stainless steel surfaces (BNB BN 2015 1.1.6 Row 27):

F 1200+	No Information
Steel galvanized	No
aluminium	Yes
copper	No
Stainless steel	Yes
Zinc die-cast	No
Plastics	No
Lacquer	No
Gummi	No
Ferrit-Magnet	No
Messing	No
PU-Schaum	No
Graphit	No
Textilfaser	No
Mineralfaser	No

Free of chromium-VI compounds:

F 1200+	No Information
Steel galvanized	No Information
aluminium	No Information
copper	No Information
Stainless steel	Yes
Zinc die-cast	No Information
Plastics	No Information
Lacquer	No Information
Gummi	No Information
Ferrit-Magnet	No Information
Messing	No Information
PU-Schaum	No Information
Graphit	No Information
Textilfaser	No Information
Mineralfaser	No Information

The product does not fall under any of the above listed product groups according to BNB 1.1.6

The entire product does not fall under a BNB BN 2015 requirement in 1.1.6 Local environmental impact. The product helps to achieve the following quality level:

F 1200+	5
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The product does not fall under a BNB BN 2015 requirement in 1.1.6 Local environmental impact. The product helps to achieve the following quality level:

F 1200+	5
Steel galvanized	5
aluminium	No Information
copper	5
Stainless steel	No Information
Zinc die-cast	5
Plastics	5
Lacquer	No Information
Gummi	5
Ferrit-Magnet	5
Messing	5
PU-Schaum	5
Graphit	5
Textilfaser	5
Mineralfaser	5

The product does not fall under any of the above listed product groups or the relevant product group is already evaluated on the components:

F 1200+	Yes
Steel galvanized	Yes
aluminium	No
copper	Yes
Stainless steel	No
Zinc die-cast	Yes
Plastics	Yes
Lacquer	No
Gummi	Yes
Ferrit-Magnet	Yes
Messing	Yes
PU-Schaum	Yes
Graphit	Yes
Textilfaser	Yes
Mineralfaser	Yes

■ 1.1.7 Sustainable material extraction / biodiversity (Updated on: 01.03.2017)

Achieved quality level in BNB Environmental Quality 1.1.7 Sustainable material extraction for the entire product:

F 1200+	N/A
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■ Contact Details Manufacturer

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■ Disclaimer

This verification is the evaluation and ranking of products in terms of the certification system BNB 2015 (New construction of office buildings). The BNB (Bewertungssystem Nachhaltiges Bauen) generally does not certify products. Therefore the project team or the manufacturer is responsible to declare compliance with respect to the BNB 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 BNB 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 BNB 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 BNB 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.