### greenbuildingproducts.eu

Product Declaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV09)

Manufacturer Schöck Bauteile GmbH

Product Name Schöck Isokorb® Typ CM20-CC40-H200-R120



#### **Product Rating**

**Action Level 2** 

• The product fulfills the requirements of action level 1 to 4 and contributes to achieve 10 (of max. 10) criterion points within Criterion 06 'Risks for the regional environment'.

### Criterion 06 Risks for the Local Environment - Ecological Quality

Action Level 1 1 Point

5 Points

Action Level 3 7.5 Points

Action Level 4 10 Points

ints
Points

Criterion 08 Sustainable Resources - Ecological Quality\*

Action Level 1 5 Points

Action Level 2 7.5 Points

Action Level 3 10 Points

#### **Product Characteristics**

The Schöck Isokorb® type CM is a load bearing thermal insulation element for cantilever concrete slabs such as balconies. The Isokorb® reduces thermal bridging and avoids the risk of condensation and mould. The element transfers bending moment stress and shear forces.

#### About DGNB Products - www.dgnb.de

This declaration helps to assess products easily according the certification system DGNB® Neubauversion Büro- und Verwaltungsgebäude (NBV09). Products are not reviewed or certified by DGNB. DGNB credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. Therefore the project team or the manufacturer is responsible to declare the compliance with the project requirements to achieve DGNB points.

Below you find an explanation of the symbols. Detailed information are on the next pages.

Credit requirements fulfilled - the action level is achieved

Credit is not applicable to this product

22% X% of the product comply with the credit requirement

Required data not specified - for required data contact manufacturer

X Credit requirements are not fulfilled

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<sup>\*</sup> This criterion is only applicable to wooden materials.

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Det	Detailed Rating							*All value	es are based on th	*All values are based on the unit:1 Element	ı
2	Drodint Name	Manufacturar	Mass per	S	teckbrief 06 Risiker	Steckbrief 06 Risiken für die lokale Umwelt	/elt	Steckbrief 08 N	Steckbrief 08 Nachhaltige Ressourcenverwendung	cenverwendung	
2			<u> </u>	Action Level 1	Action Level 2	Action Level 3	Action Level 4	Action Level 1	Action Level 2	Action Level 3	
¥	Insulation material polystyrene hard foam	BASF, Synbra	2.79	>	>	>	>	0	0	0	
A2	Reinforcing steel BSt 500 S	BSW	48.69	>	>	>	>	0	0	0	KIZU
А3	Stainless steel BSt 500 NR	Ugitec	21.63	>	>	>	>	0	0	0	T
A4	Pressure bearings HTE- module (fine concrete)	Schöck Bauteile GmbH	12.03	>	>	>	>	0	0	0	
A5	HTE-module plastic coating	Chemopetrol	0.48	>	>	>	>	0	0	0	
A6	cement-bound fire safety boards	Fermacell	6.74	>	>	>	>	0	0	0	
A7	Hotmelt adhesive Dorus MS 294	Henkel	0.00	>	>	>	>	0	0	0	
A8	plastic rail	Vogelsang Engineering	7.65	>	>	>	>	0	0	0	
A9											
A10											building 5
	Schöck Isokorb® Typ CM20-CC40-H200-R120	Schöck Bauteile GmbH	100	>	>	>	>	0	0	0	

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### Criterion 06 Risks for the Local Environment - Ecological Quality

#### **Detailed Rating**

No	Product Name		Manufacturer		
A1	Insulation material polystyrene hard f	oam	BASF, Synbra		
Produc	t Type	Requirem	ent	Contribution of Product	
insulation and main isolation for the		Action Level The products	el 1-4: luct is expanded without any halogenated foaming	The product is expanded without any halogenated foaming agents.	
Plastics cladding	for windows, floorings or wall	Action Lev No requ Action Lev The proc	irements	The product is free of lead, cadmium or tin stabilizer.	

No	Product Name		Manufacturer				
A2	Reinforcing steel BSt 500 S		BSW				
Product Type Requireme		Requirem	ent	Contribution of Product			
	There are no requirements for this product						

No	Product Name		Manufacturer	
A3	A3 Stainless steel BSt 500 NR		Ugitec	
Product Type Requirem		Requirem	ent	Contribution of Product
	турс	rtoquiroiii	ont	Continuation of Floatict
	Турс	rtoquiroiii	on	Contribution of Floduct

No	Product Name		Manufacturer	
A4 Pressure bearings HTE-module (fine concrete)		concrete)	Schöck Bauteile GmbH	
Product Type Requi		Requirem	nent Contribution of Product	
There a	re no requirements for this product			

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No	Product Name		Manufacturer	
A5	HTE-module plastic coating		Chemopetrol	
Product Type Requirement		Requirem	ent	Contribution of Product
Plastics cladding	for windows, floorings or wall s	Action Lev • No requ Action Lev • The proc	irements	The product is free of lead, cadmium or tin stabilizer.

No	Product Name		Manufacturer				
A6	A6 cement-bound fire safety boards		Fermacell				
Product Type Requirer		Requirem	ent	Contribution of Product			
1	There are no requirements for this product						

No	Product Name		Manufacturer		
A7	Hotmelt adhesive Dorus MS 294		Henkel		
Product Type Requireme		Requirem	ent	Contribution of Product	
1.5551.			rel 4: VOC-content < 3% rel 3: VOC-content < 10%		
Applied surface	on mineral and non-mineral s.	Action Lev	rel 2: VOC-content < 15%; RAL UZ 12a count as proof rel 1: VOC-content < 25%	VOC-content: 0%	

No	Product Name		Manufacturer	
A8	plastic rail		Vogelsang Engineering	
Product Type Require		Requirem	ent	Contribution of Product
Plastics cladding	for windows, floorings or wall gs	Action Lev • No requ Action Lev • The proc	irements	The product does not fall under the product groups windows, floor coverings and wall coverings.