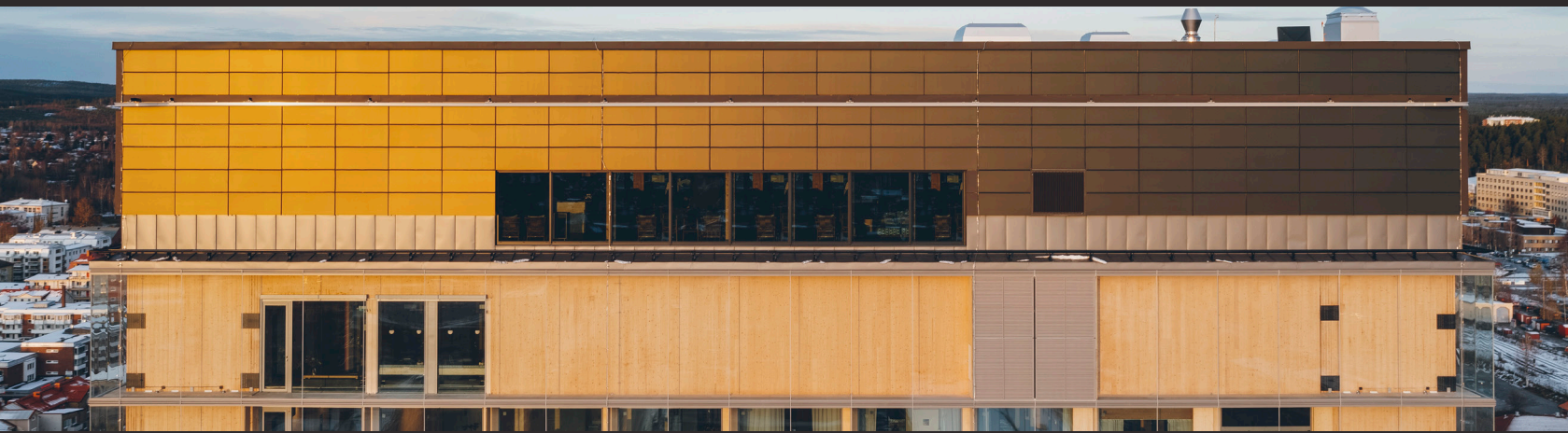


*Empower  
your facade*

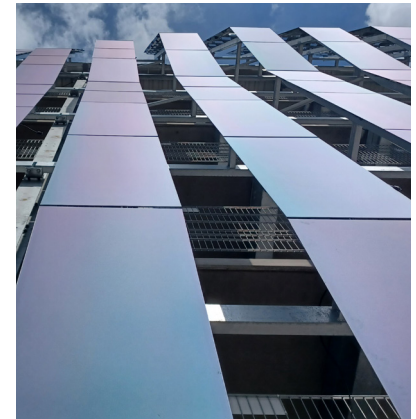


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PARKING HOUSE/ NEW BUILDING

# DHL parking house in Leipzig/ DE



*Empower your facade*

In our first hybrid project, building-integrated photovoltaics and rooftop solar systems were combined on the new parking garage combined to cover a large part of the DHL campus' electricity requirements.



**809 MWh**

Energy yield per year



**305.550 kg**

CO<sub>2</sub> savings per year based on country-specific emission factors



Black  
B001

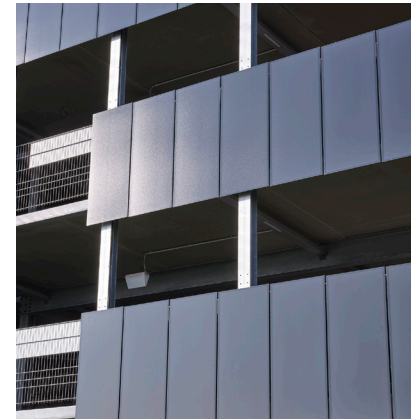
Light  
Green  
4001

Customer:	Leipziger Stadtbau AG
Architects:	Melicia Planchart, Architektur von Domaros
Project realization:	2023
Location:	Schkeuditz, Germany
Building type:	Parking house
Facade/roof:	1.872 m <sup>2</sup> / 2.820 m <sup>2</sup>
Facade/roof:	2.002 modules/ 1.307 modules
Facade/roof:	240 kWp/ 588 kWp
Facade:	SKALA Black, Light Green
Roof:	Jetion monokristallin
Project partners:	elektroBAU Dresden GmbH
Photos:	elektroBAU Dresden GmbH

**AVANCIS** 

PARKING HOUSE/ NEW BUILDING

# RWE parking house in Essen/ DE



The use of a simplified substructure makes the realisation of the solar facade on this multi-storey car parking house particularly attractive and is therefore groundbreaking for the further development installation use on industrial facades.



**66.84 MWh**

Energy yield per year



**23500 kg**

CO<sub>2</sub> savings per year based on country-specific emission factors



Black  
B001

Customer/Architect:

RWE Technology International GmbH

Project realization: 2022

Location: Essen, Germany

Building type: Parking house

Facade area: 840 m<sup>2</sup>

Number of modules: 800 modules

Plant power: 120 kWp

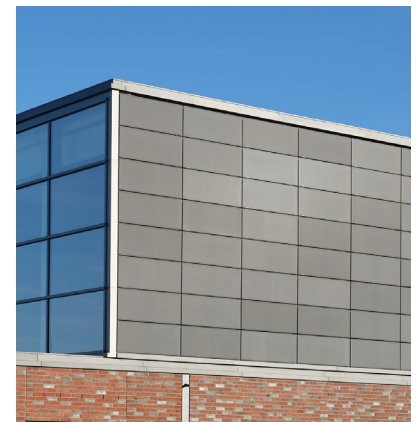
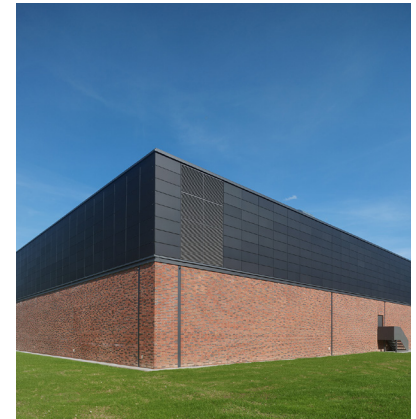
Color: SKALA Black

Project partners: elektroBAU Dresden GmbH

Photos: Olaf Rohl



# Three-field Sports Hall in Gronau / DE



*Empower your facade*

At the new three-field sports hall of the comprehensive school in Gronau, 536 anthracite-colored SKALA modules on three sides of the upper floor provide a visual contrast to the red clinker facade on the first floor for sustainable power generation.



**37.42 MWh**

Energy yield per year



**13200 kg**

CO<sub>2</sub> savings per year based on country-specific emission factors

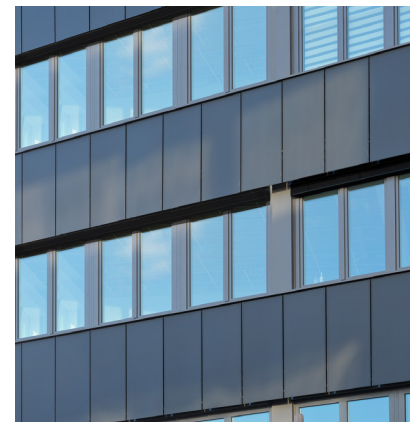
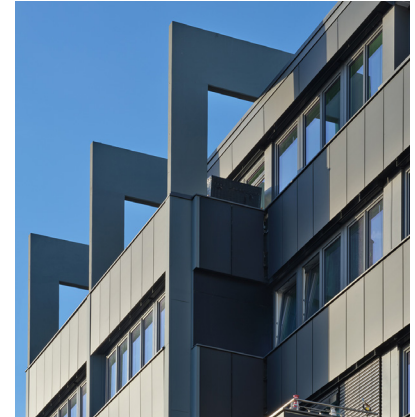


Anthracite  
G001

Customer:	County of Hildesheim
Architects:	Kiefer   Sander Architekten BDA PartG mbB, Sarstedt
Project realization:	2021
Location:	Gronau, Germany
Building type:	Sports hall
Facade area:	565 m <sup>2</sup>
Number of modules:	536 modules
Plant power:	75 kWp
Color:	SKALA Anthracite
Project partners:	elektroBAU Dresden GmbH
Photos:	Olaf Rohl



# Bremer Tor in Vechta/ DE



*Empower your facade*

50-year-old building was completely renovated, technically and energetically brought up to date according to Energy Efficiency 100. 234 anthracite-colored SKALA modules were integrated into the facade below the window strips and on the parapets.



**19.42 MWh**

Energy yield per year



**6800 kg**

CO<sub>2</sub> savings per year based on country-specific emission factors



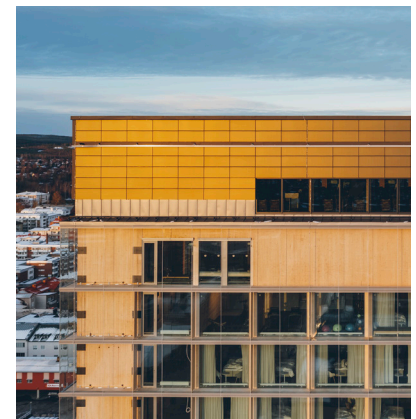
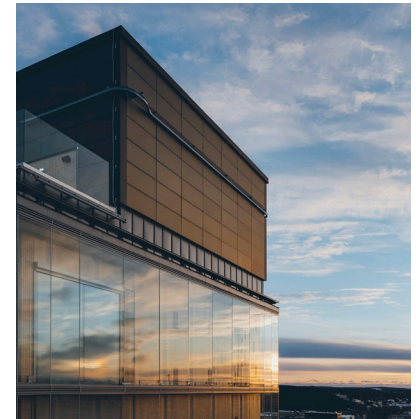
Anthracite  
G001

Customer:	Grieshop Vechta
Architects:	Bocklage + Buddelmeyer Architekten GmbH, Vechta
Project realization:	2021
Location:	Vechta, Germany
Building type:	Residential & commercial building
Facade area:	246.5 m <sup>2</sup>
Number of modules:	234 modules
Plant power:	32.8 kWp
Color:	SKALA Anthracite
Project partners:	elektroBAU Dresden GmbH
Photos:	Olaf Rohl



SECOND LARGEST WOODEN SKYSCRAPER IN THE WORLD

# *Sara Kulturhus in Skelleftea/ SE*



This new multi-purpose building was constructed entirely of wood. Our bronzecolored SKALA modules enclose the SPA area located on the top floor at a height of 80 m and are a wonderful addition to the wooden construction of the building.



**21.8 MWh**

Energy yield per year



**100 kg**

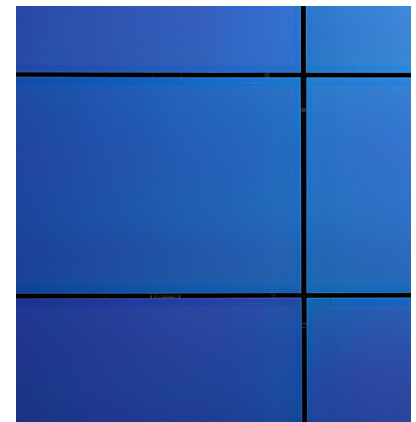
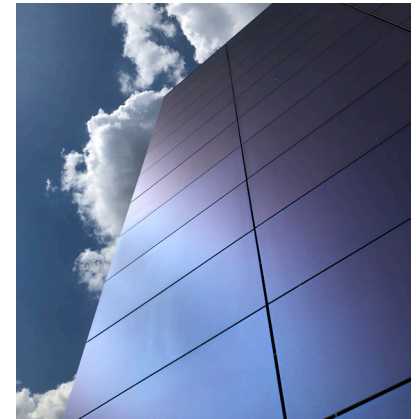
CO<sub>2</sub> savings per year based on country-specific emission factors



Bronze  
3001

Customer:	Kraftpojkarna Sverige AB
Architects:	White Arkitekter
Project realization:	2021
Location:	Skelleftea, Sweden
Building typ:	Wooden skyscraper
Facade area:	319 m <sup>2</sup>
Number of modules:	304 modules
Plant power:	39.52 kWp
Color:	SKALA Bronze
Project partners:	elektroBAU Dresden GmbH SCHRAG Fassaden GmbH
Photos:	Jonas Westling





The facade of the research laboratory of the Helmholtz-Zentrum Berlin is used for basic research to further develop efficient and cost-effective thin-film solar cells. The matte, homogeneous design of our thin-film modules provides the special look.



**28 MWh**

Energy yield per year



**9900 kg**

CO<sub>2</sub> savings per year based on country-specific emission factors

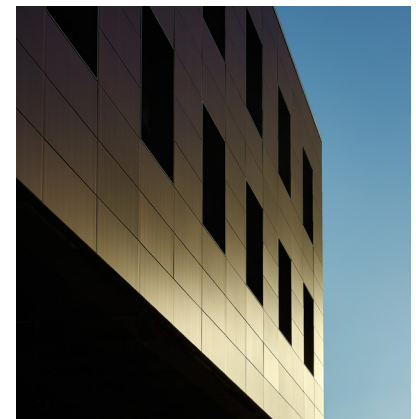


Blue  
7003

Customer:	SCHRAG Fassaden GmbH
Architects:	DGI Bauwerk Gesellschaft von Architekten mbH
Project realization:	2020
Location:	Berlin, Germany
Building typ:	Laboratory
Facade area:	378 m <sup>2</sup>
Number of modules:	360 modules
Plant power:	48.60 kWp
Color:	SKALA Blue
Project partners:	SCHRAG Fassaden GmbH
Photos:	SCHRAG Fassaden GmbH, HZB



# Campus Aqua in Büsserach/ CH



New warehouse surrounded by a complete solar facade mounted on the north, east, south and west facade. The solar facade is composed of green SKALA modules in standard size combined with customized lengths covering 70 % of the energy self-consumption of the building.



**90 MWh**

Energy yield per year



**1200 kg**

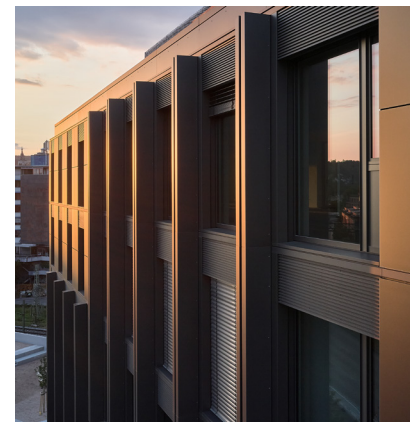
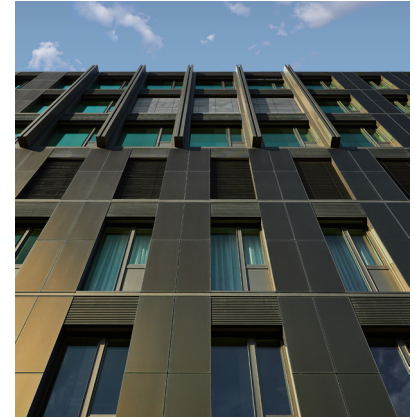
CO<sub>2</sub> savings per year based on country-specific emission factors



Green  
4002

Customer:	Solvatec Agola AG, Basel
Architects:	Jeker Architekten SIA AG, Basel
Project realization:	2020
Location:	Büsserach, Switzerland
Building typ:	Industrial building
Facade area:	1432 m <sup>2</sup>
Number of modules:	1359 modules
Plant power:	176.67 kWp
Color:	SKALA Green
Project partners:	SwissFassadenTechnik AG, Bern
Photos:	Albrecht Voss

# Westspitze in Tübingen/ DE



*Empower your facade*

Seven storey office building in new wood-concrete hybrid construction with mixed use of office space, medical practices and other services. The cladding material of the energy efficiency house is a solar facade made out of bronze SKALA modules.



**50.43 MWh**

Energy yield per year



**17800 kg**

CO<sub>2</sub> savings per year based on country-specific emission factors



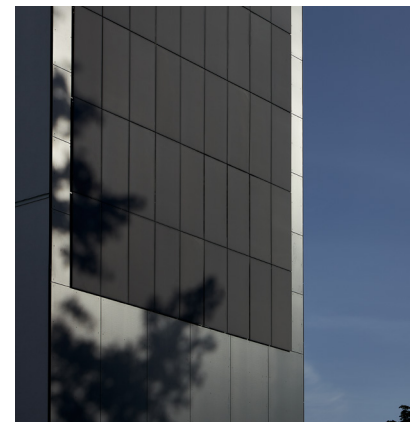
Bronze  
3001

Customer:	pro.b Projekt GmbH & Co.KG, Tübingen
Architects:	a+r Architekten, Tübingen
Project realization:	2020
Location:	Tübingen, Germany
Building typ:	Commercial Building
Facade area:	659 m <sup>2</sup>
Number of modules:	634 modules
Plant power:	82.42 kWp
Color:	SKALA Bronze
Project partners:	SwissFassadenTechnik AG, Bern
Photos:	Albrecht Voss



PUBLIC BUILDING / OFFICE / RENOVATION

# Stadtwerke Bad Hersfeld/ DE



Reconstruction of the south-east facade with anthracite SKALA modules of the utility company of the city of Bad Hersfeld.



**8.5 MWh**

Energy yield per year



**3000 kg**

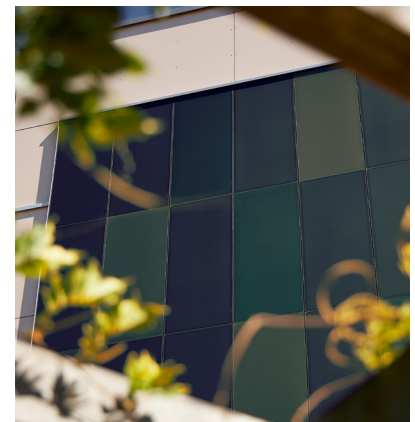
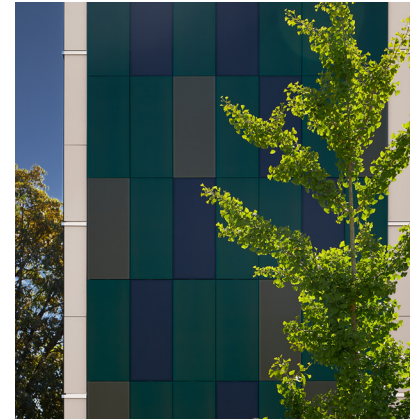
CO<sub>2</sub> savings per year based on country-specific emission factors



Anthracite  
G001

Customer:	Heußner + Nuhn, Bad Hersfeld
Architects:	Rolf Uwe Schönewolf, Bad Hersfeld
Project realization:	2020
Location:	Bad Hersfeld, Germany
Building typ:	Public building/ Renovation
Facade area:	85.4 m <sup>2</sup>
Number of modules:	81 modules
Plant power:	11.34 kWp
Color:	SKALA Anthracite
Project partners:	SwissFassadenTechnik AG, Bern
Photos:	Albrecht Voss

# Brünnen Street in Bern/ CH



The building envelope of the residential complex was totally refurbished with penthouse apartments. The property rated with an energy efficiency label AA+ generates electricity and hot water via PV modules on the roof, on balcony parapets as well as two SKALA solar facades.



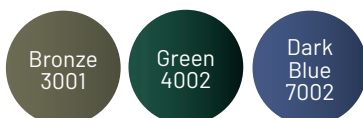
**3.1 MWh**

Energy yield per year



**40 kg**

CO<sub>2</sub> savings per year based on country-specific emission factors



Customer:	Swissrenova, Bern-Münsingen
Architects:	Swissrenova
Project realization:	2019
Location:	Bern, Switzerland
Building typ:	Residential / New Building
Facade area:	88.2 m <sup>2</sup>
Number of modules:	84 modules
Plant power:	11.9 kWp
Color:	SKALA Bronze, Green, Dark Blue
Project partners:	SwissFassadenTechnik AG, Bern
Photos:	Albrecht Voss



*Empower  
your facade*

SKALA

## *SKALA - as diverse as your ideas*

- Is a thin-film photovoltaic glass-glass module without disturbing frame.
- Has an opaque black color as standard version.
- Does not need mechanical clamping on the front glass due to its backrail system fitting to all common facade substructures.
- Is most suitable for rainscreen ventilated facades.
- Can be combined with a variety of other facade materials.
- Can be installed in portrait and landscape orientation (depends on regional building regulations).
- Has the general technical building approval (abZ) from Deutsches Institut für Bautechnik (DIBt).
- Is developed and produced in Germany.
- Is approved according to all relevant certifications.
- Is available in different colors and lengths.

