Skala solar panels Mayotte

What is a Skala module?
The SKALA module is the only module of its kind approved for facades with extremely high wind loads on very tall buildings. Our modules enliven the facade of any building - transforming a seemingly empty building envelope into a vibrant, power-generating facade.

What is Skala & how does it work?
SKALA is the size and color scalable architectural modulefrom AVANCIS for solar facades and building integrated applications. The color variance of our different module types lets buildings shine in vivid color effects and thus combines sustainability with aesthetics.

Can Skala modules be used on residential buildings?
Our SKALA modules can be combined with almost all common facade materials. Cladding the building envelope with solar modules can be implemented on industrial buildings as well as on residential buildings of various sizes. What is BIPV?

How Skala solar power system works?
SKALA modules on the roof,on balcony parapets as well as two facades generates electricity and hot water. 1200 PV modules on the roof and on the facade provide the necessary energy of this energy-efficient building. Energy concept implemented consisting of combined heat and power plants and green electricity from photovoltaic modules.

Why should you choose Skala solar modules?
Our solar modules are characterized by the very good ratio between the possible (maximum) yield and the actually achieved yield (performance ratio) and thus offer our customers a stable energy yield over many years. SKALA is designed for ventilated curtain walls and as a product platform for architects.

How Skala modules contribute to BIPV?
We have been able to show in many different projects how our SKALA modules in the context of BIPV,building integrated photovoltaics,contribute in an aesthetic wayto the advancement of the energy transition. Our SKALA modules can be combined with almost all common facade materials.

Create sustainable buildings with SKALA, a BiPV solar façade cladding solution from Avancis. Now available in Australia, the thin-film modules create an aesthetic solar skin that converts sunlight to clean, renewable energy. Unlike traditional solar panels, the frameless SKALA modules fit seamlessly into the building envelope.

This "solar-active" building material is state-of-the-art in architecture. Scalable in form and colour, SKALA modules set new standards for project-specific and aesthetic solar façade solutions. Architects,

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façade planners and investors can realize energy-producing solar systems with the highest aesthetics,

Solar facades for extremely high windloads SKALA is designed for ventilated curtain walls and as a product platform for architects. The approval for SKALA certifies load capacities of up to 6 kN/m² in the facade, which corresponds to extremely high windloads on very tall buildings.

SKALA modules offer architects, civil engineers, facade planners and investors the possibility to realize individually designed solar facades with the highest aesthetics. The SKALA module is the only module of its kind approved for facades with extremely high wind loads on very tall buildings.

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PowerMax® SKALA is a thin-film PV module operating as a solar active building material to set totally new standards of aesthetic solar façade solutions - no matter what type of building or construction project.

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MOUNTING: EASY, FAST AND FLEXIBLE With SKALA, the passive façade becomes a solar-active façade which generates green energy for the building. Depending on regional and local building regulations, SKALA modules can be installed in portrait or...

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