



Solar photovoltaic panel dragon scale shape





Overview

The dragon-scale effect arises from panels that stack vertically, creating a unique roof design that maximizes energy efficiency while achieving aesthetic beauty. The roof panels are made of tempered glass, known for their durability and walkability, which is essential for routine. SunStyle is a Building-Integrated Photovoltaic roof / BIPV. At SunStyle, we believe in solar energy without compromising beauty. Drawing from the traditional slate shingle roofs of the Swiss Alpine region, the dragonscale pattern of the solar roof lays flat on. The Google Bay View campus is a sustainable masterpiece that BIG-Bjarke Ingels Group and Heatherwick Studio designed. The unique "skin" design comprises 90,000 silver solar panels with the capacity to generate 7 megawatts of energy, Google said. Flexing to match every contour, the skin extends edge-to-edge on each gracefully concave surface, thus maximizing the area of energy capture.



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[Photovoltaic and wind power dragon panels](#)

What is a dragon-scale solar roof? Inspired by the traditional slate shingle roofs of the Swiss alpine region, the dragon-scale pattern of our solar roof is both functional and fully-integrated delivering a ...

Google Unveils "Dragonscale" Roof in Attempt to Maximize Solar ...

The roof offers a "dragonscale solar skin" with a uniquely textured prismatic glass coating to trap additional light and help it generate roughly 40 percent of all the building's needs.



Discover the Dragonscale Solar Skin: A Futuristic Marvel at Google ...

The dragon-scale solar skin design is a product of innovative principles from BIG and Heatherwick Studio. The dragon-scale effect arises from panels that stack vertically, creating a unique roof design ...

SunStyle Solar Roof , CertainTeed

SunStyle tiles are manufactured with the highest quality PERC monocrystalline photovoltaic cells to maximize the efficiency of your roof. The traditional slate and shingle roofs in the Swiss Alpine region ...



SunStyle , Solar Roof

At SunStyle, we believe in solar energy without compromising beauty. Inspired by the traditional slate shingle roofs of the Swiss alpine region, the dragon-scale pattern of our solar roof is both functional ...



[Dragonscales and Power Flowers: the Evolving Shape of Solar](#)

The latest noteworthy example is the "dragonscale" solar roof (pictured above) installed last month at Google's Silicon Valley campus. The tech giant is committed to green energy, but ...



[Discover Dragonscale solar skin: 50,000 sleek solar panels.](#)

This unique roof system utilizes 50,000 solar panels arranged in a visually striking vertical stacking pattern that mimics the scales of a dragon. The result is not just an eye-catching ...



Dragon scale solar panels



The search giant has been installing the solar panels, whose moniker derives from how the scales of a dragon might look, on its two new Mountain View campuses that both have an eye-catching design.



sunstyle's 'dragonscale' solar shingles integrate into the most complex

Drawing from the traditional slate shingle roofs of the Swiss Alpine region, the dragonscale pattern of the solar roof lays flat on any roof, to offer protection, functionality, and harmonious

Meet the Dragonscale solar skin -- 50,000 solar panels and aesthetic

A dragon-scale effect emerges from panels that stack vertically over each other to create this distinctive roof design. The architectural design achieves aesthetic beauty for the structure while

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