

HAYER & BOECKER



DIE DRAHTWEBER

ARCHITECTURAL MESH FOR PARKING GARAGES.



ADVANTAGES OF ARCHITECTURAL MESH FOR YOUR PARKING GARAGE.



Natural Ventilation

Architectural mesh is light, durable and transparent, providing an array of benefits for parking facilities. The transparency of architectural mesh allows it to act as a natural ventilation system. By utilizing architectural mesh on the façade of your parking facility, you can eliminate the need for costly HVAC systems, which will not only reduce energy costs but also have a positive environmental impact. Additionally, the openness of the mesh allows an abundance of natural light and air to flow through the parking facility, allowing car emissions to be dispersed outside the parking garage



and improving air quality in the space. Architectural mesh can also lessen the cost of a fire protection system.

Weather Protection

From harsh snow to dry desert heat or high winds, architectural mesh facades on your parking garage are functional for any weather conditions. Our stainless steel mesh acts as an efficient and cost effective barrier to weather conditions around the world.

Fall Protection

Made from stainless steel, our woven architectural mesh is incredibly strong, rigid and durable, delivering extra protection from personal injury. Full-height tensioned mesh panels act as a protective shield from falls. Additionally, mesh railings in other areas of your parking garage can add an extra level of safety and fall protection.

Sun Protection

Architectural mesh offers effective sun protection to parking garages.

The horizontal wires of the mesh façade act as a light barrier, helping to maintain a comfortable temperature within the parking garage.

Environmental Responsibility

Stainless steel has an average recycled content of at least 60 percent and is 100 percent recyclable at end of use. By using architectural mesh not only are you getting a custom parking garage detailed to your specifications, you are also increasing the sustainability of your building.

Low Maintenance - Easy Installation

Our architectural mesh comes ready to install with complete and easy-to-follow instructions. We provide unique engineering support and calculations for each project based on your necessary requirements and offer onsite assistance to eliminate risk. The mesh panels arrive with all required hardware, helping simplify the installation process. Once installed, stainless steel architectural mesh facades require little-to-no maintenance.

Cost Effective

We are able to provide you with a mesh façade panel tensioned over the full height of your parking garage. This means that only a solid substructure is required at the top and bottom mounting points of your parking garage. The different levels of your parking garage require an intermediate tube to absorb horizontal loads. The costs of this substructure and installation are significantly lower compared to framed façade material solutions.

Unique Aesthetic

Architectural woven mesh can meet your aesthetic and functional needs. With a wide variety of mesh patterns and the ability to paint images onto the mesh itself, your parking garage is made completely custom to your specification and is 100 percent unique to your application. With your imagination and our expertise, together we can create a parking garage that no longer looks like a typical parking garage.



Media Façades

With our transparent media façade solution, IMAGIC WEAVE®, you are able to create an interactive façade capable of communicating with the surrounding area while serving as the building's second skin. IMAGIC WEAVE® combines our architectural wire mesh with state-of-the-art LED technology and enables the creation of individually programmable lighting effects in all colours including full video presentation. An IMAGIC WEAVE® media screen appears as an elegant stainless steel mesh façade, even when no content

is being displayed. The slim LED-profiles are discreetly installed on the back of the mesh making them nearly invisible from the front. Consequently, the homogenous look of the façade is maintained even in combination with different media resolutions. Façades are becoming the focus of new media communication. Large-scale imaging video using LED media solutions accentuate the appearance and functionality of contemporary architectural sites in any urban landscape; day and night. The result is an outstanding example of media architecture.



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