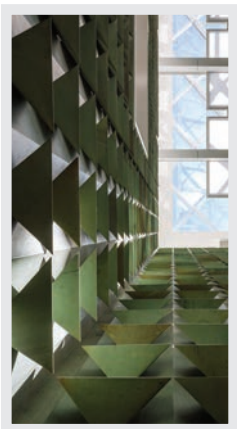
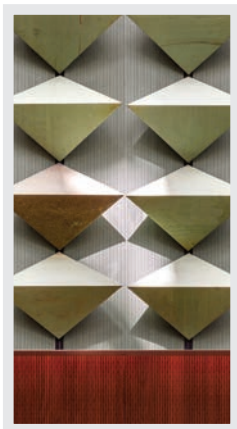


# Ornamental Metals

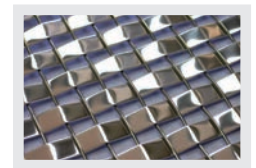
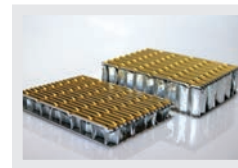
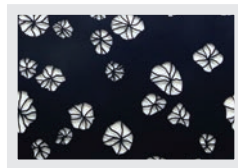


AJK Design Studio Kamakura

GKD CMP Mesh Ceiling System



Wellington Building Toronto, Canada



**'ORNAMETALS':** There's something captivating about ornamental metals in architecture. The fact that wind, weather or lighting all may change a metallic skin's form or surface appearance throughout the day may be part of the intrigue of using ornamental metals to create dynamic exterior and interior building designs. Another advantage of metals, according to Cambridge Architectural Sales Director David Zeitlin, is that they can transform large, designed spaces and façades into signature branding opportunities. In a true testament of how metal building materials stand the test of time, copper tiles from the roof of Toronto's Wellington Building were recently re-used as an ornamental finish and acoustic attenuator on the interior of the building that holds the Parliamentary library's stacks.

## 1 AGES WITH GRACE

The Copper in Architecture Awards from the Copper Development Assn. are nothing short of spectacular. This year, 15 projects were selected, but one stands out as a unique aesthetic design and a strong statement about the recyclability and reuse of copper as a building material. The project, The Wellington Building in Toronto, Canada, required a new roof to replace the 60-year-old structure's top. Rather than discard or sell it for scrap, the library's architects decided to re-use the copper roof tiles as an ornamental interior finish in the Parliamentary library's stacks. Before they were used as an interior texture, the 13,000 sq. ft. of aged copper was cut from the existing roof, sorted, crated and bent on a break press. To add acoustic properties, the copper shingles were also perforated. The re-purposed copper tiles add an artistic sculptural texture to walls, as the patinaed copper complements the dark stately wood used in the design of the library's case goods, and provides sound attenuation in the two-story reading room.

**Copper Development Association**

[www.copper.org](http://www.copper.org)

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## 2 WABI-SABI AESTHETIC

AJK Design Studio's specialty with perforated metals adds unique visual interest to interiors with its new collection, which debuted at ICFF titled "Kamakura." The two complementary patterns, Mizu and Hasu conjure an industrial wabi-sabi aesthetic. Patterns were inspired by the serenity of lotus ponds prevalent in the Japanese seaside city, Kamakura. The designs capture the grace, fluidity and buoyancy of water lilies' ripples on the water and freezes them in permanence.

**AJK Design Studio**

[www.ajkdesignstudio.com](http://www.ajkdesignstudio.com)

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## 3 IN SEARCH OF GOLD

Historically a popular coffee house and inn in the middle of Stuttgart, Germany, the King of England building renovation lead by zsp Architekten transformed the former site into an administrative building for the Baden-Wurttemberg state ministries. The owners request to renovate the top floor of the building into a functional conference and meeting room with a lobby required a large, grid-free ceiling with acoustic properties and an elegant aesthetic. The team found the solution in the CMP mesh ceiling system, a luminous gold ceiling system from GKD that has been used widely around the world, and is now gaining traction in North American renovations for its beauty, functionality and ease-of-installation. Available in rigid or flexible panels, the meshes can be cut into a variety of shapes, bored and trimmed to accommodate lighting, sprinkler systems and other fixtures. The system is installed with GKD's accessible clip system and is readily demounted for access to ductwork, plumbing or wiring, and spacing between rows of panels varies, providing space for sprinklers or lighting while allowing for airflow.

**GKD**

[www.gkdmetalfabrics.com](http://www.gkdmetalfabrics.com)

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