



ZAHNER®

ANGCEL HAIR®
STAINLESS STEEL POLISH

ANGEL HAIR®

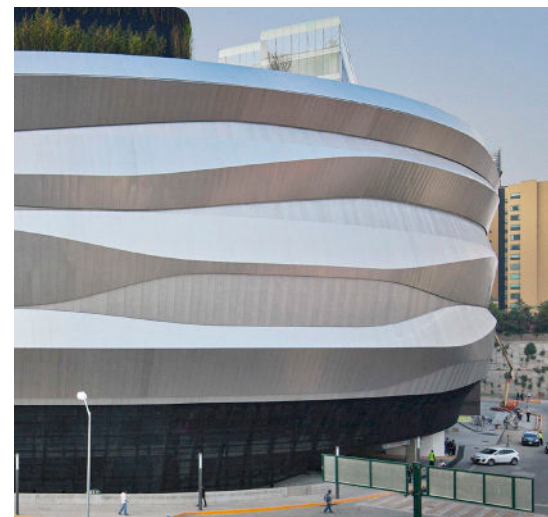


A Prestige Metal Polish from Zahner

Angel Hair is a Zahner material process developed to soften the high-reflectivity of standard grain finishes on stainless steel. The patented process uses precision-controlled machinery to etch stainless steel with a fine grain. The resulting finish is the finest, smoothest, and most uniform light-diffusion metal surface available for architectural metal.

Developed for Function

This surface was first developed as a custom product by Zahner as a solution to the reflective nature of standard finishes on stainless steel. Working with Frank Gehry on a number of projects, the Zahner team recognized that these parabolic shapes combined with the intense reflectivity of stainless steel would result in concentrated heat and blinding light. Angel Hair scatters the light, providing the most diffused surface while maintaining the metal's reflective appearance. Available on a variety of metal alloys, this is the finest, smoothest, and most uniform light-diffusion metal surface available for architectural metal.



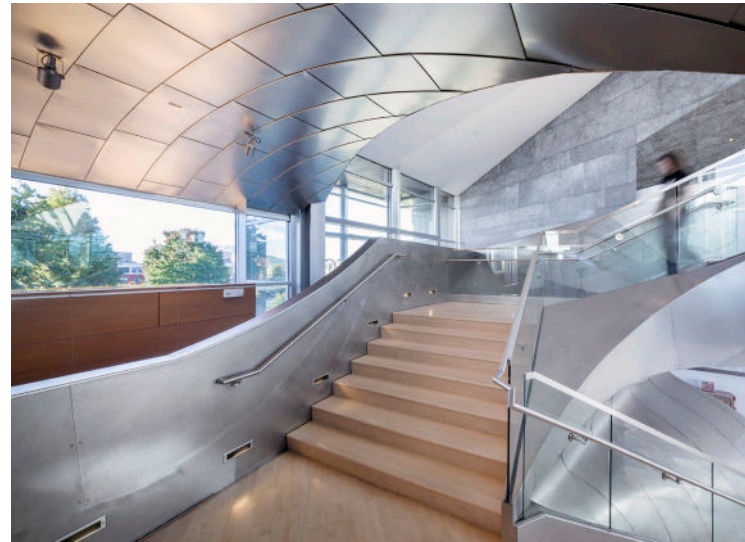
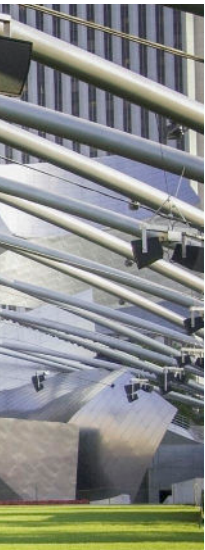
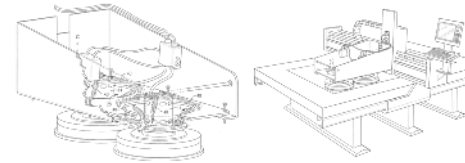


Left: Angel Hair Stainless Steel by Zahner. **Above:** "Vibration" finish by industry manufacturers. **Right:** The Zahner patented non-directional finishing system for manufacturing Angel Hair Stainless Steel.

The Angel Hair Difference

Many manufacturers now offer variant polishes such as "vibration-finish" which attempt to replicate Angel Hair stainless steel. When compared to other metals from up close, you can see patterns and heavy marks in the "vibration" surfaces offered by other manufacturers.

The system used to produce Angel Hair on stainless steel is a patented (US # US 20100233942 A1) technology which prevents directionality from appearing in the metal surface.



Durable for Exterior and Interior Applications

Angel Hair stainless steel can be used on interior and exterior applications. Angel Hair on stainless steel is easily maintained. If properly detailed and installed, the material will last for generations. The polish provided by Angel Hair furthers this longevity by providing the metal surface with a greater ease of reparability. Should the metal get damaged, scratched, or abraded, the material can be easily polished by a Zahner technician using a field-version of the Angel Hair polishing system.

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