



ZAHNER®

CB-60®

STAINLESS STEEL POLISH

GB-60™



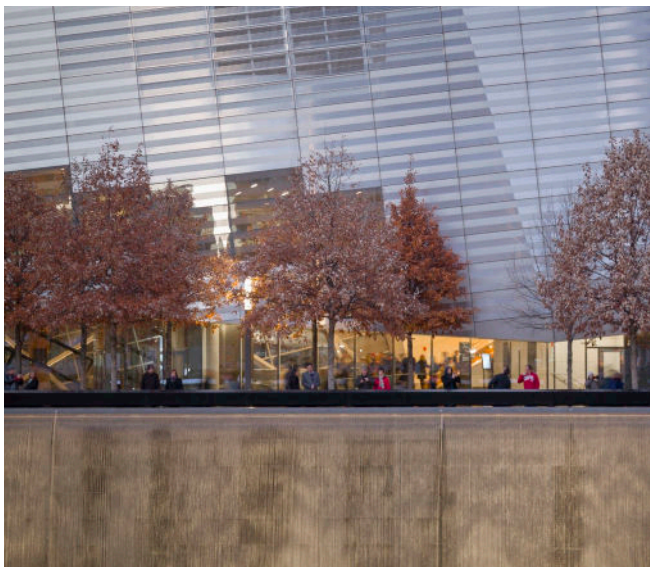
A Prestige Metal Polish from Zahner

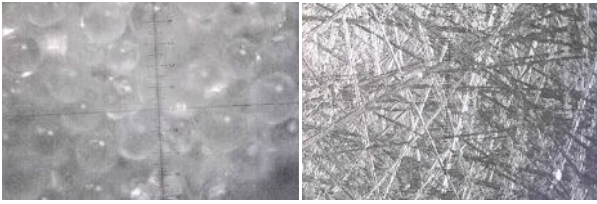
GB-60 is a Zahner material process developed to soften the high-reflectivity of standard grain finishes on stainless steel. The patented process uses precision-controlled machinery to etch stainless steel with a fine grain. The resulting finish is the finest, smoothest, and most uniform light-diffusion metal surface available for architectural metal.

An Iconic Appearance

GB-60 stainless steel is characterized by a softly grained reflection. The finish is bright but diffuse, almost crystalline in appearance. Direct light reflecting off the surface is diffused by the multitude of small overlapping impact craters.

The surface appears bright and deep in full sunlight. On cloudy days, it takes on the appearance of pewter. Low sun makes it glow purple and reddish silver. Because of the reflectivity of stainless, it is far more sensitive to minor variations in the blasting process. Careful control of the blasting application is critical to eliminate hazing and mottling in the reflection.

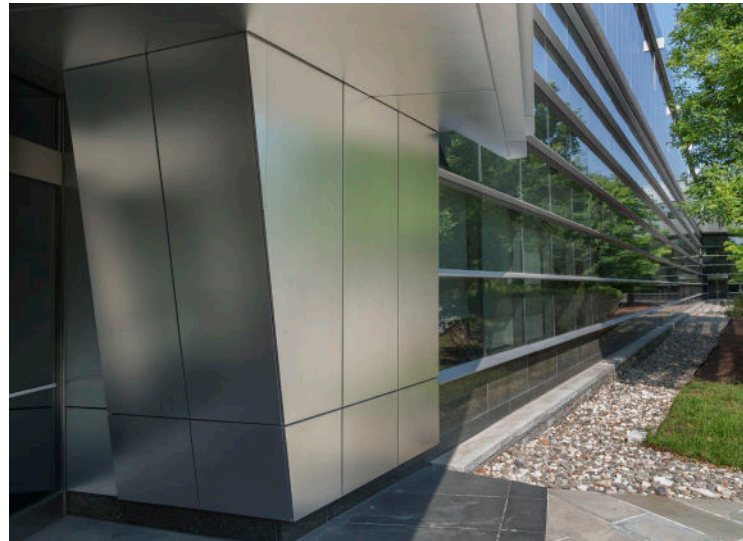




Microscope photographs comparing GB-60 stainless steel (Left) with Angel Hair stainless steel (Right).

How GB-60 surfaces are manufactured

The GB-60 process involves feeding glass beads from a hopper into a high-pressure stream of clean, dry air. The outlet sprays the beads at high speed onto the surface of the metal. The impact of the blasting to the metal surface creates a small indentation. The indentations are rounded, and they tend to overlap. This overlapping crater produces light-scattering behavior, effectively diffusing the reflectivity.



Durable for Exterior and Interior Applications

GB-60 stainless steel can be used on interior and exterior applications. GB-60 on stainless steel is easily maintained. If properly detailed and installed, the material will last for generations. The polish provided by GB-60 furthers this longevity by providing the metal surface with a greater ease of repairability. Should the metal get damaged, scratched, or abraded, the material can be easily polished by a Zahner technician using a field-version of the GB-60 polishing system.

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