

NIPPON KINZOKU Introduces New “Decorative Stainless Steel Finishes for Exterior Use” Achieving Diverse Metallic Designs from Mirror-Like to Jet Black

- Delivering Final Performance at the Material Stage to Streamline
Manufacturing and Reduce Environmental Impact -

NIPPON KINZOKU CO., LTD. (Headquarters: Minato-ku, Tokyo; President: Yasushi Shimokawa; TOKYO: 5491), a leading manufacturer of cold-rolled stainless steel, today introduced its new "Decorative Stainless Steel Finishes for Exterior Use." These premium cold-rolled stainless steel strips—extensively used in automotive moldings and telecommunications enclosures—are engineered to help manufacturers eliminate post-processing steps such as polishing and painting, while significantly reducing their environmental footprint.



Figure: Design Image

Product Features and Benefits

NIPPON KINZOKU's "Decorative Stainless Steel Finishes for Exterior Use" offer a diverse range of aesthetic options and are widely used in automotive exterior trims and housings for smartphones and mobile PCs.

Our core strength is "coil-to-coil" continuous processing, a technology refined through decades of cold-rolling expertise. This enables us to deliver unique designs and consistent quality with high productivity.

Since the decorative finish is integrated directly into the material, the products offer the following strategic advantages:

· **Process Simplification:** Eliminates the need for secondary polishing, painting, and surface treatments (e.g., anodizing), resulting in higher production yields and lower total costs.

· **Reduced Environmental Impact:** Minimizes CO₂ emissions by streamlining manufacturing stages. As an "Eco-Product," this lineup supports the global transition to carbon neutrality by 2050.

These products embody "Near Net Performance" -a core pillar of our "NIPPON KINZOKU 2030" management plan- which focuses on delivering final-product functionality at the material level.

Design Variations (Surface Finish Lineup)

The following finishes are available to meet specific application requirements and design concepts:

Finish Name	Description
BA5 (Bright Annealing)	Our standard BA finish, utilizing proprietary technology, it achieves a superior luster compared to conventional bright annealing.
nanoBA (Nano-roughness BA)	A mirror-like, high-gloss finish achieved solely through cold-rolling. It eliminates or significantly reduces the need for subsequent polishing. Named for its nano-level surface roughness control.
PW (Pearly White)	A satin-matte finish designed for a refined, "white" aesthetic and a calm, sophisticated texture. Available in a range (PW3–PW10) to suit different roughness requirements.
PF (Pearly Finish)	Features a micro-textured surface for a non-reflective finish that minimizes the appearance of scratches and fingerprints. Available from PF10 to PF99.
FB (Fine Black) *	Delivers a deep, metallic black through light interference and absorption via an ultra-thin, transparent oxide film. The surface undergoes a specialized hardening treatment to ensure exceptional corrosion and wear resistance.
M-FB (Matte Fine Black)	A matte version of the FB finish developed to meet market demand for low-glare textures, adding a subdued, premium elegance to the FB series.

**Fine Black is a registered trademark co-developed with Toyo Rikagaku Kenkyusho Co., Ltd. It combines NIPPON KINZOKU's high-quality materials—proven in automotive applications—with Toyo Rikagaku's proprietary coloring technology.*

Standard 2D (annealed and pickled) and 2B (skin-passed) finishes are also available. We offer tailored customization by combining different finishes to create unique, bespoke textures.

Overview of Cold-Rolled Steel Products

Our proprietary production facilities, designed with decades of accumulated cold-rolling expertise, combined with our industry-leading original technologies, allow us to meet the diverse and evolving needs of our customers.

NIPPON KINZOKU Website (Steel Products):

<https://www.nipponkinzoku.co.jp/en/corporate-profile/business/cold-rolled-stainless-steel-strip>

Regarding the 11th Business Plan “NIPPON KINZOKU 2030”

Our 11th Business Plan, "NIPPON KINZOKU 2030," envisions us as a "Multi & Hybrid Material Company creating new value for people and the planet." We focus on three core pillars:

- Multi & Hybrid Material: Utilizing a diverse range of materials.
- Near Net Shape: Forming materials into shapes close to the final product.
- Near Net Performance: Embedding final product performance directly into the material stage.

Through these technologies, we are transforming our business structure to lead the market with innovation and flexibility.

For more information, please visit our Investor Relations page:

<https://www.nipponkinzoku.co.jp/en/investor-relations/strategies>

Note: This document has been translated from a part of the Japanese original. It is provided for reference purposes only. If there's a difference between this translated document and the Japanese original, the Japanese original will take precedence.

*****Contact for Inquiries Regarding This Product and Technical Information*****

NIPPON KINZOKU CO., LTD. Production Process & Support Department

<https://www.nipponkinzoku.co.jp/en/inquiry>