

RICHTER SURFACES

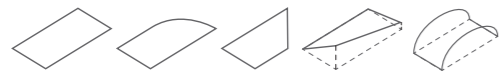
ENDLESS FINISHES FOR ALL FORMS AND SHAPES

SURFACES | FABRIC

We optimize the environment with our innovative developments in terms of lighting and acoustics free forms. We provide our customers with outstanding fabric ceiling systems that achieve excellent spaces and environments for living and working.

PROPERTIES AND ADVANTAGES

- Acoustically active fabric absorbs sound waves and diminishes reverb effects, lowering stress levels induced by acoustic exposure and increasing ease and comfort.
- Easy to maintain.
- Customizable shapes and sizes allow the fabric ceiling system to be installed without any problems into both new and existing spaces. For each application, materials with appropriate stretching factors, weave, and texture can be selected.
- Accessibility to any point in the ceiling without an external specialist.
- Visually appealing: the design, the even natural lighting, and the ability to tune the static color according to your needs.
- In addition to that, electrically tunable, extended materials, and color choices are available.



2D, 2½D, 3D



Apple store_Fifth Avenue_NY_USA
Example of stretchable fabric and back-lighting



Apple store_ Marina Bay Sands_SG
Example of sunlight breaker fabric for
deflecting heat and totally blocking
harsh sunlight.



Apple store_Sands Cotai Central_Macao_CN
A2 fire rating requirements

Our 7.4 m ultra-high-resolution scanner enables us to scan any type of surfaces, artwork, and materials. The scanned objects are then gathered in a large library, color enhanced, and prepared as surfaces ready for the print.



We offer an extended library of wood surfaces and we deliver an industrial grade quality wood ceiling system. With our single tool approach and pre-assembled panels, we guarantee easy, precise, and fast on-site installation.

PROPERTIES AND ADVANTAGES

- Micro-perforated for high acoustic absorption.
- Highest fire rating certifications.
- Panels/boards/forms with flexible dimensions.
- 3D free forms.
- Digital veneer 3D ultra high resolution.
- Pre-assembled for precise and fast installation.
- Richter single tool system.



Apple store_Xinyi_TW
Highest fire rating certifications



Apple store_Alderwood_Seattle_USA
Highest fire rating certifications



50 Hudson Yards_NY_USA
Highest fire rating certifications

We can apply all kinds of non-toxic and non-hazardous powders existing on the market. We develop and produce our own powders as well as “Richter technical powders” depending on specific requirements and applications. Examples: specific gloss, special color, unique surface texture, UV resistance, or high reflectance. Our latest development is a bacteriostatic powder used for well-being products.

PROPERTIES AND ADVANTAGES

High requirements like impact strength and weather resistance make the powder coating essential. Those properties caused industries like tool-building, engineering, medical technology, heating and ventilating engineering, home appliances, shop and furniture construction as well as the automobile industry to convert from wet lacquers to powder coatings to a large extent.

- High-quality finish and long-lasting products.
- Corrosion protection.
- Scratch resistance.
- Impact resistance.
- Abrasion resistance.
- Further mechanical processing is possible.
- No VOCs/harmful fumes that might contribute to air pollution.
- Less hazardous waste during retouching and disposal.
- Heat-conductive surfaces.
- Bacteriostatic properties.



C207 in black and bronze

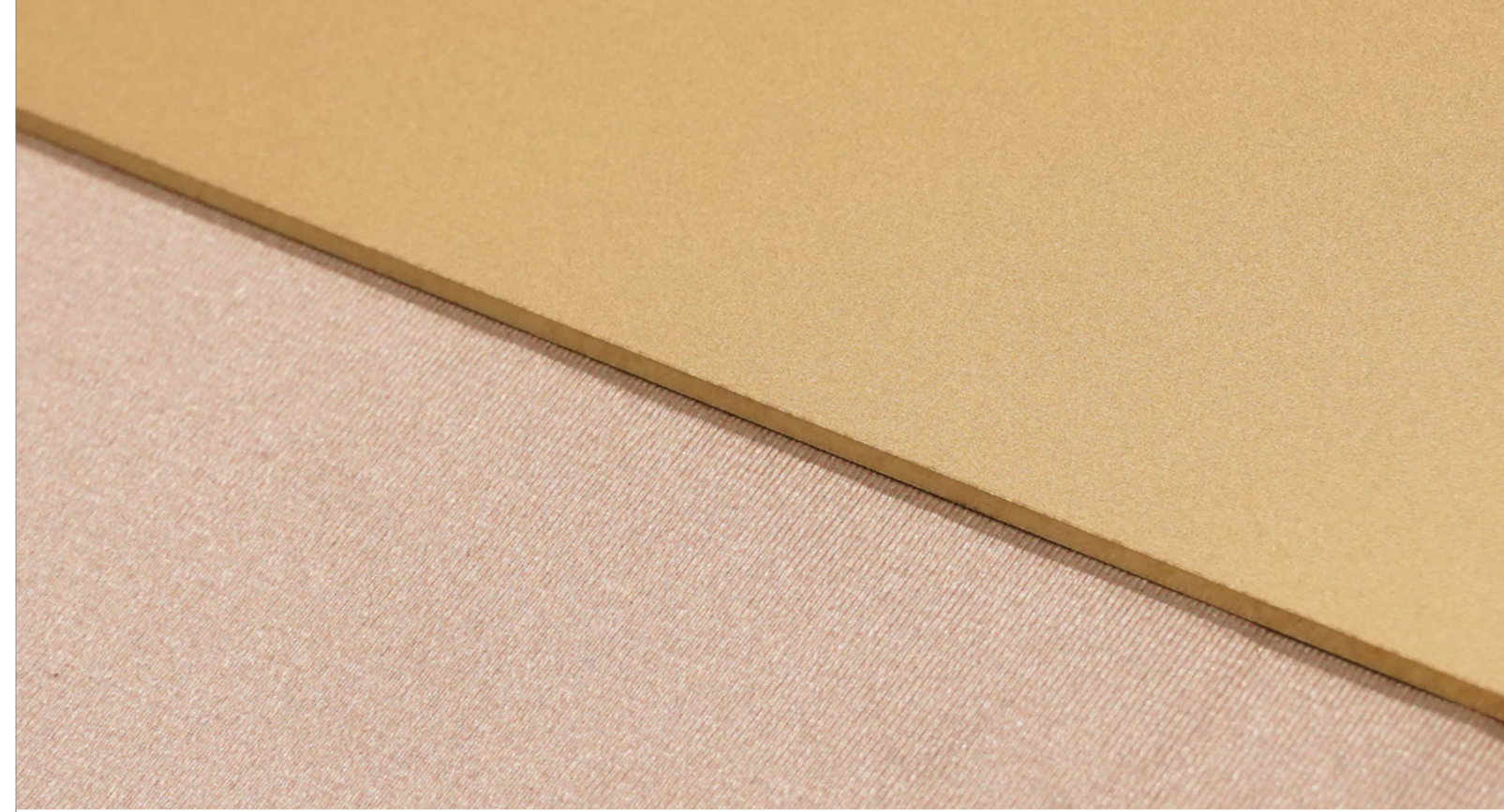
SURFACES | METALLIC FINISHING

We offer a wide range of metallic finishing surfaces including copper, gold, brass, nickel, chrome, tin, zinc, and many more providing our customers with outstanding look and material properties.

PROPERTIES AND ADVANTAGES

Choosing the right finishing method is essential for achieving the appealing look and properties of surfaces.

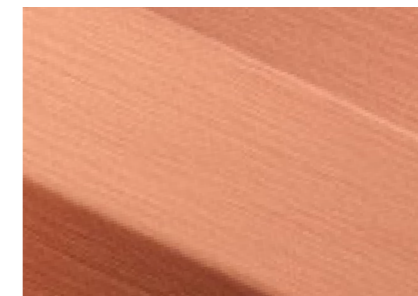
- Limiting the impact of corrosion.
- Serving as a primer coat to promote paint adhesion.
- Reducing the effects of friction.
- Improving the appearance.
- Making a surface electrically conductive.
- Enhancing chemical resistance.
- Cleaning, polishing, and removing surface defects.



Metallic surface - Profile



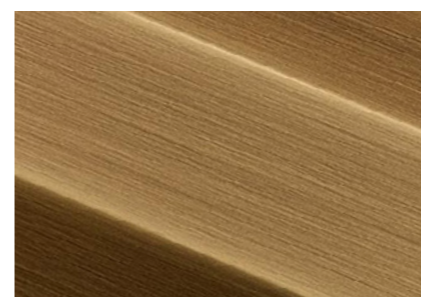
Tin



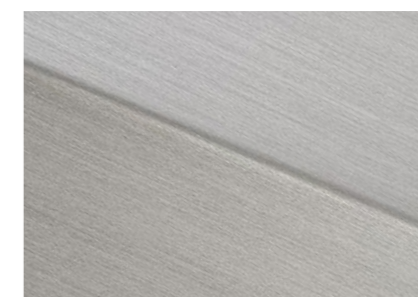
Copper



Gold



Brass



Nickel



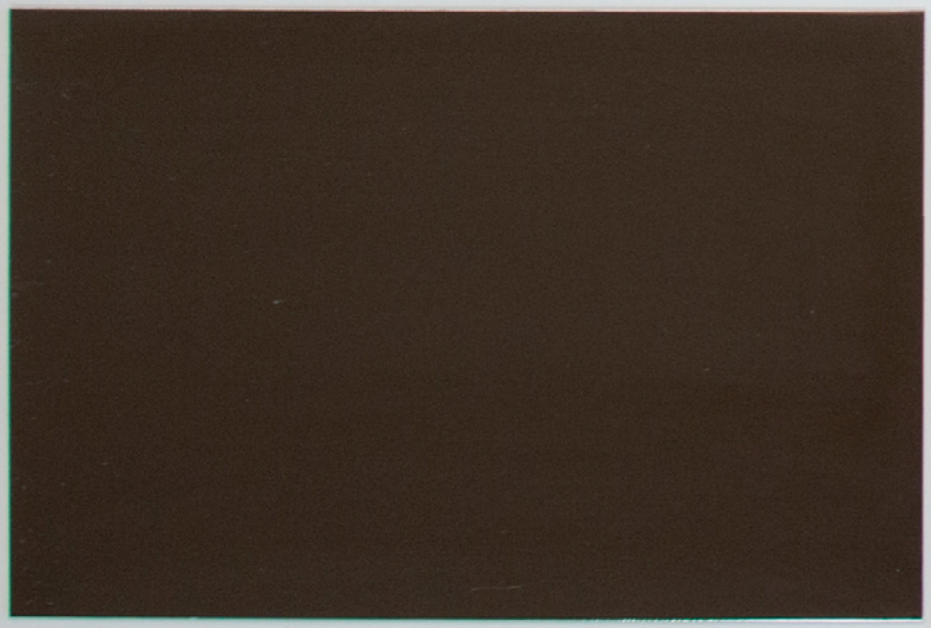
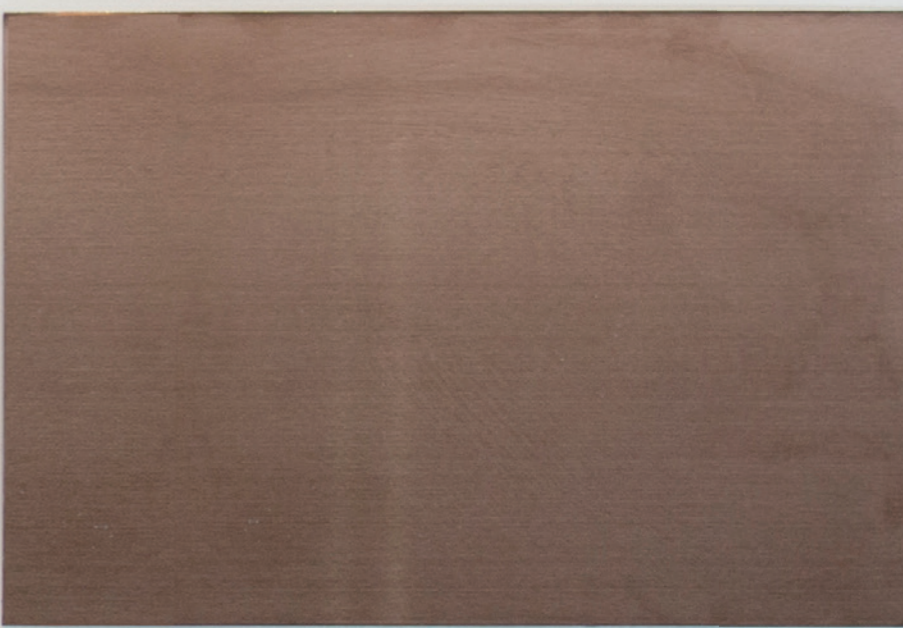
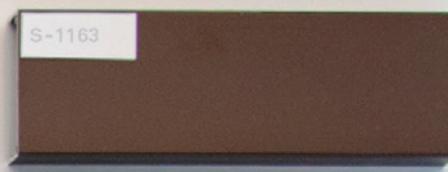
Chrome



Zinc



Metallic surface coatings



SURFACES | MESH

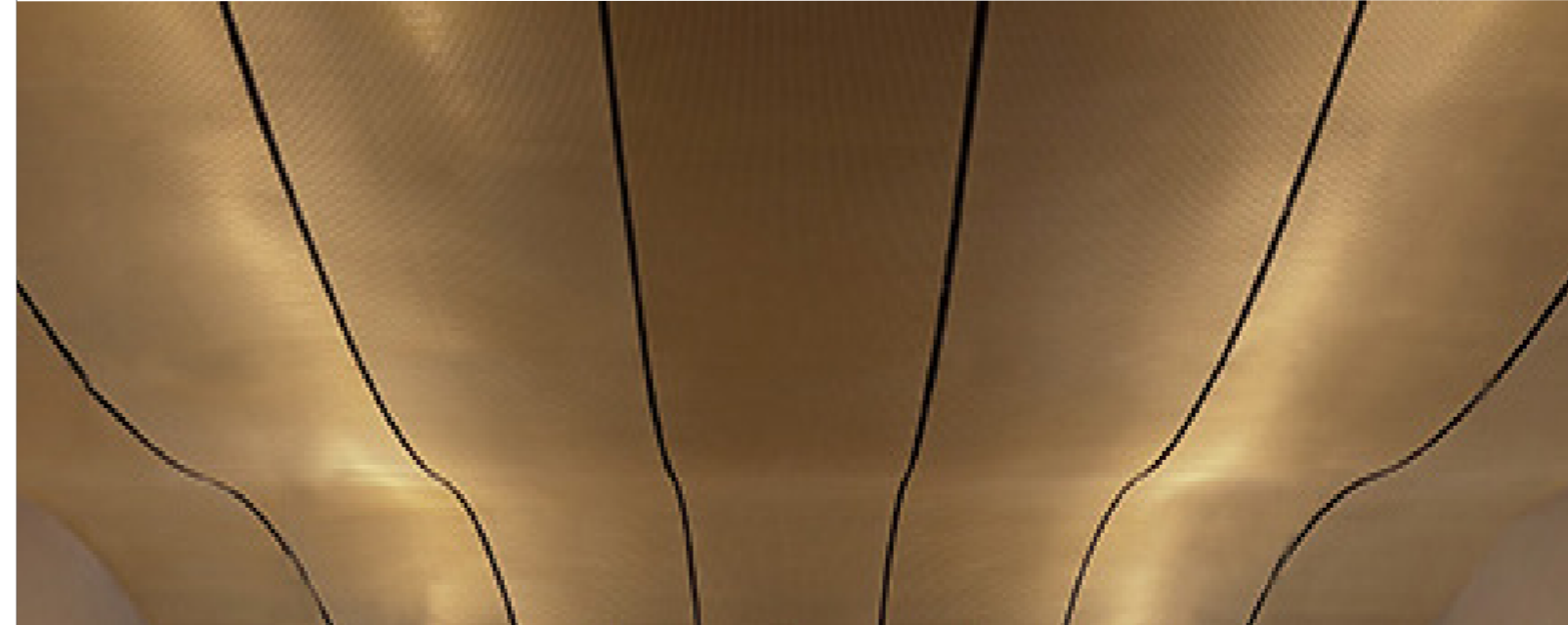
Metal meshes can be implemented in the inner structures to provide sound absorption.

Besides their acoustic properties, meshes can also be used as decorative elements.

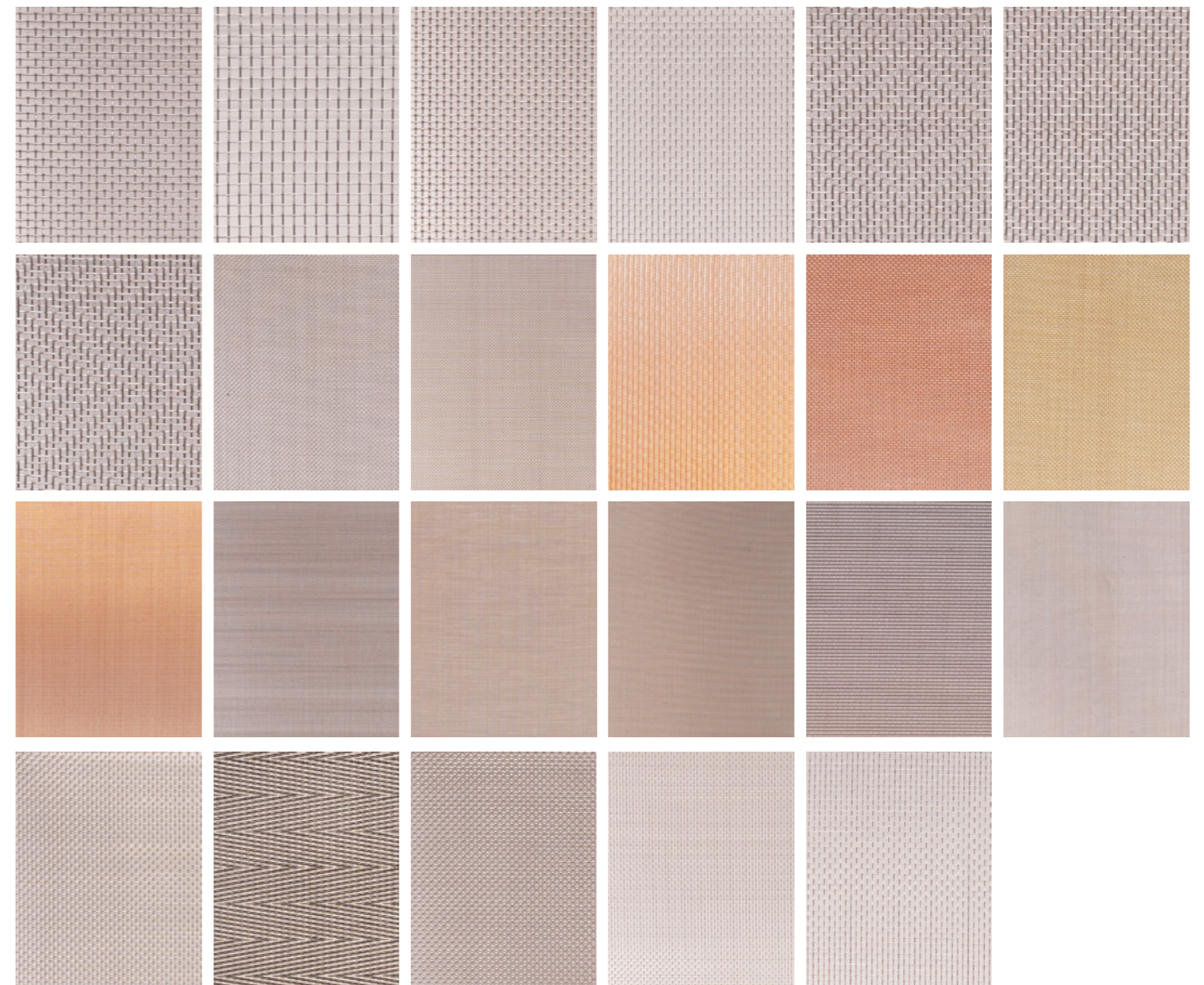
PROPERTIES AND ADVANTAGES

The right mesh is essential for achieving the correct mechanical, visual, and acoustic properties.

- Customizable shapes and sizes allow the mesh ceiling system to be installed into both new and existing spaces.
- Visually appealing and in addition, extended materials and a wide color palette are available.



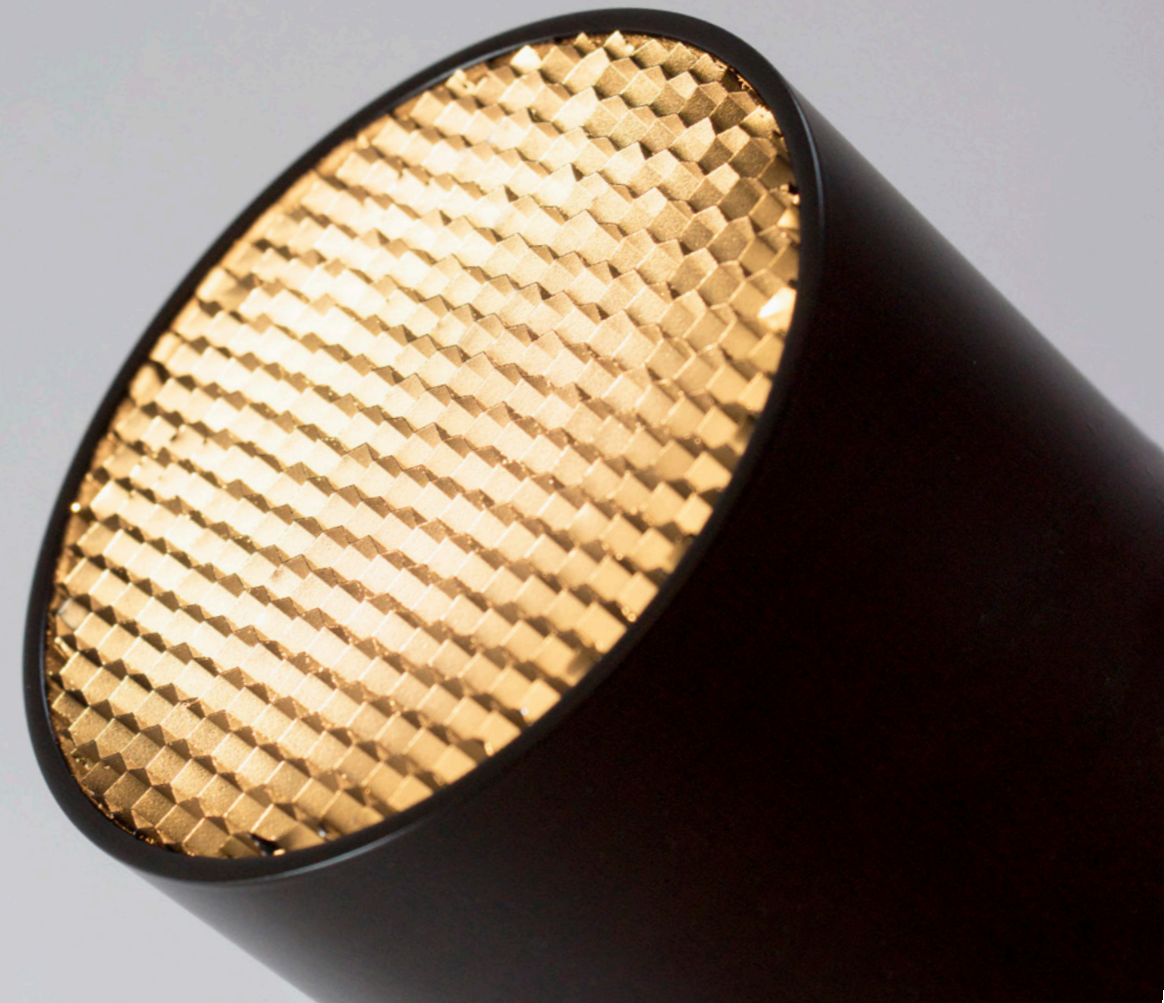
Mettalic surface - Profile

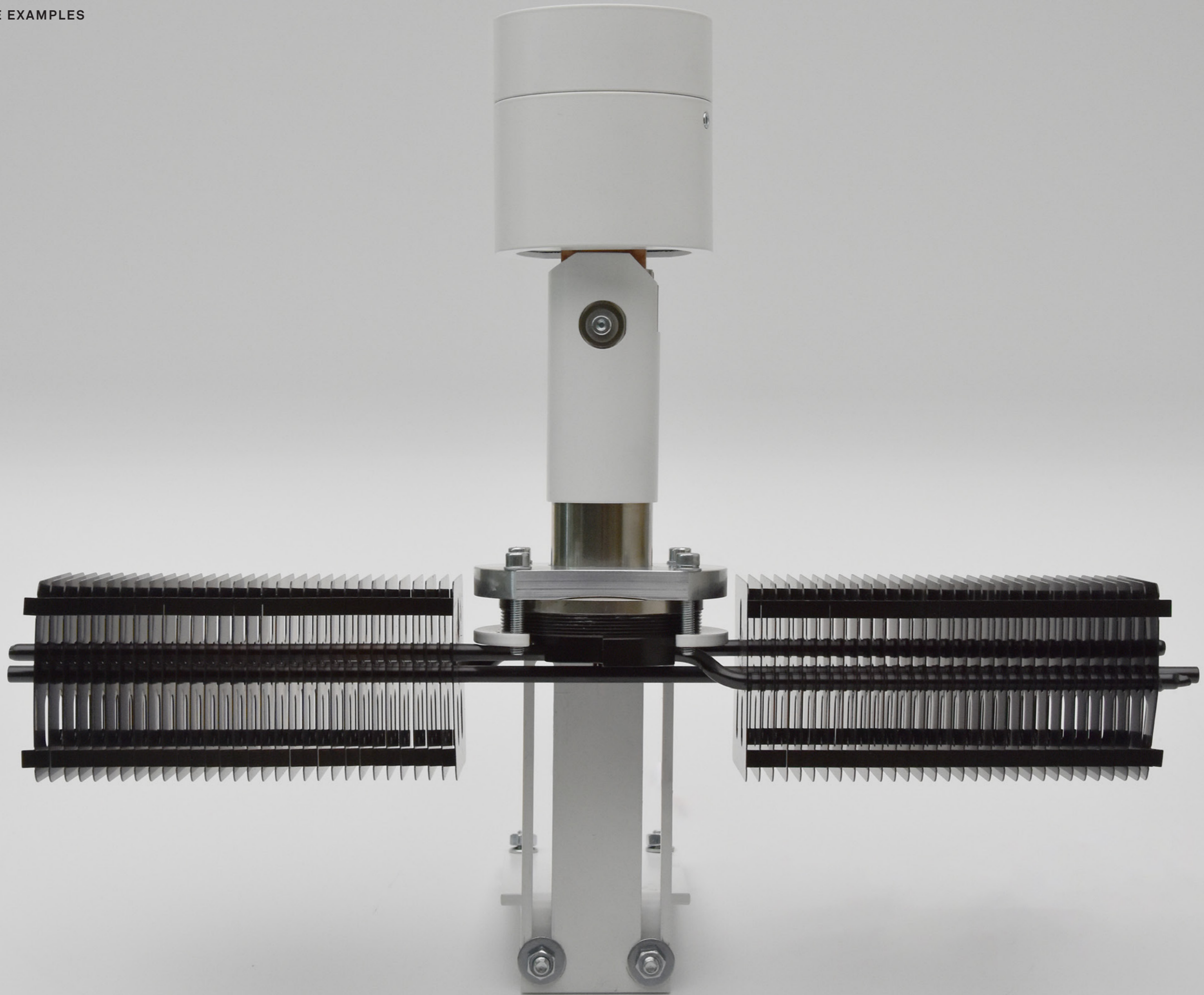


Some mesh samples

SOME EXAMPLES







RICHTER

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