





ARCHITECTURAL METAL MESH

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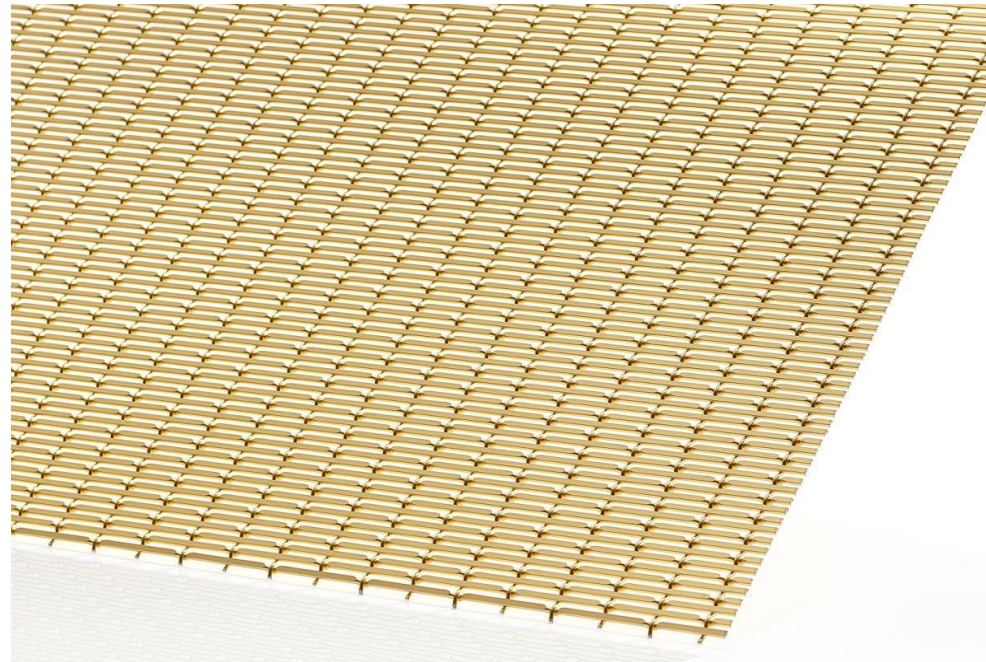
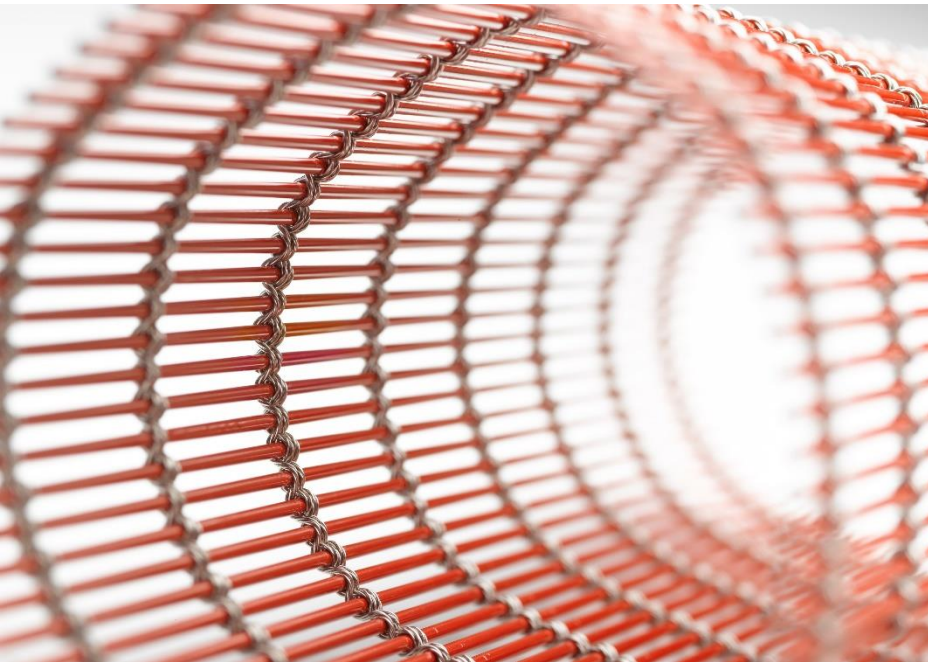
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ADVANTAGES &
DISADVANTAGES

01 OVERVIEW & CLASSIFICATION OF MESH

Architectural wire mesh typically refers to woven wide mesh

Woven wire mesh is applicable mesh that is created by weaving longitudinal and transverse wires together to create tension.



BASED ON MATERIALS

- Stainless steel mesh
- Brass, bronze mesh
- Aluminum mesh

BASED ON PRODUCTION PROGRESS

- Cable meshes
- Rigid mesh/PC mesh(pre-crimped)
- Spiral mesh

BASED ON MATERIALS

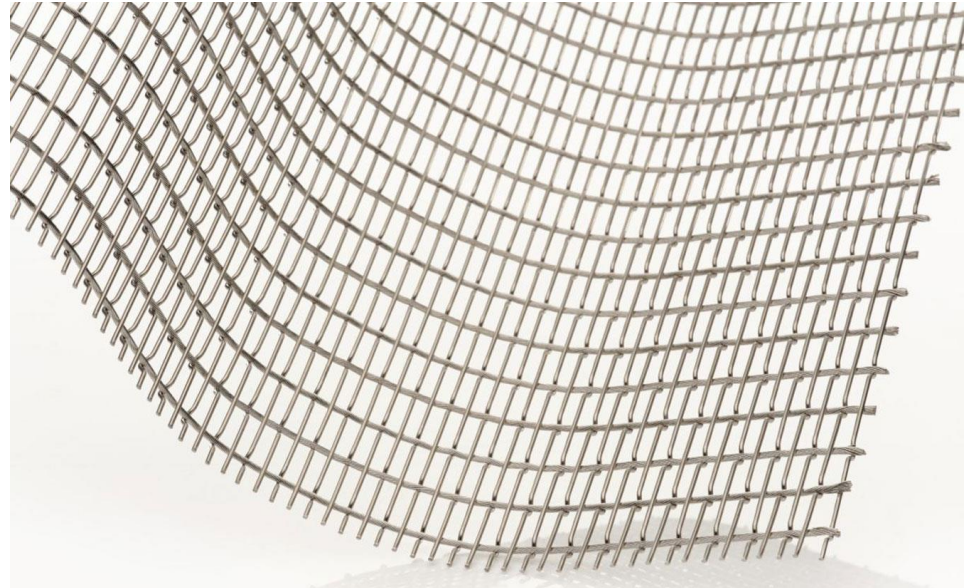
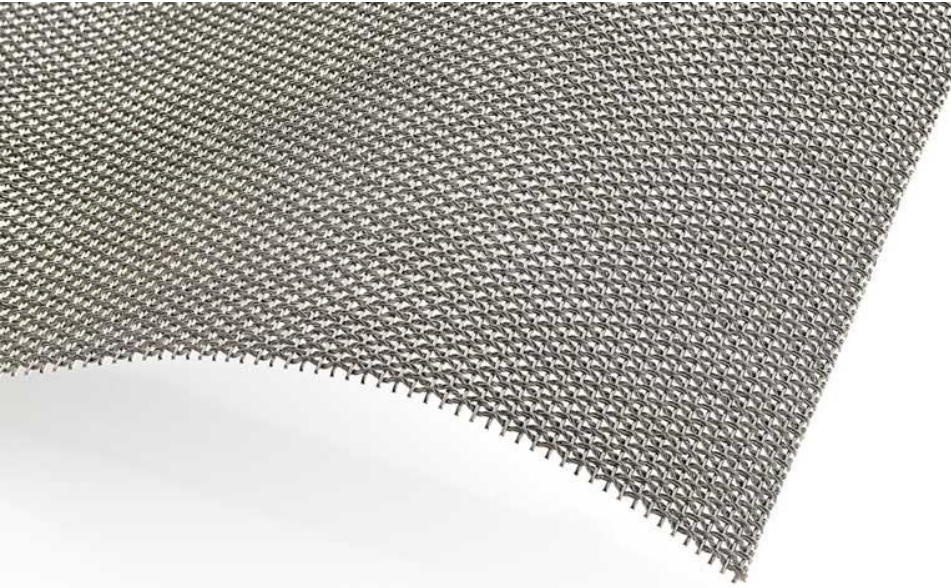


Stainless steel mesh



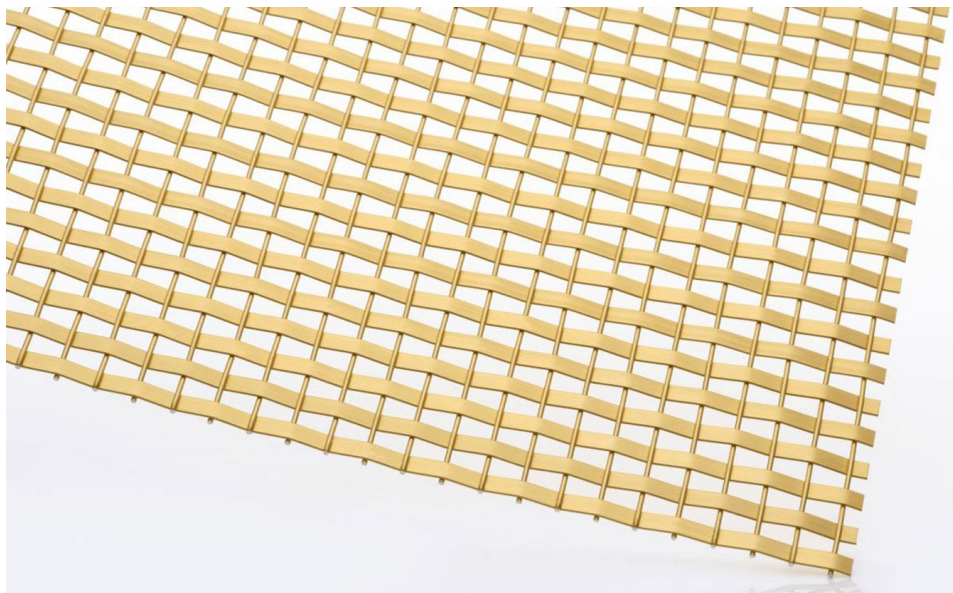
Bronze mesh

BASED ON PRODUCTION PROGRESS



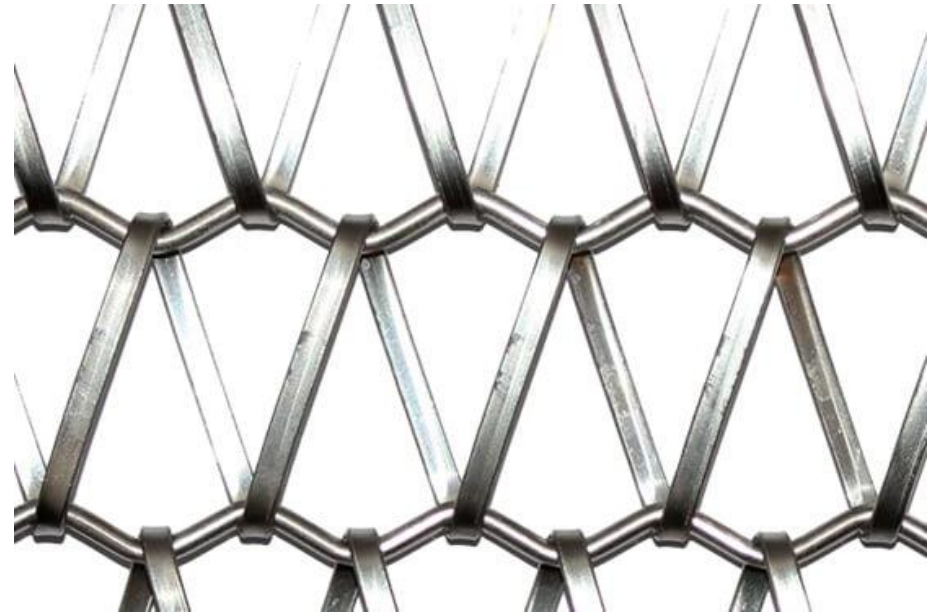
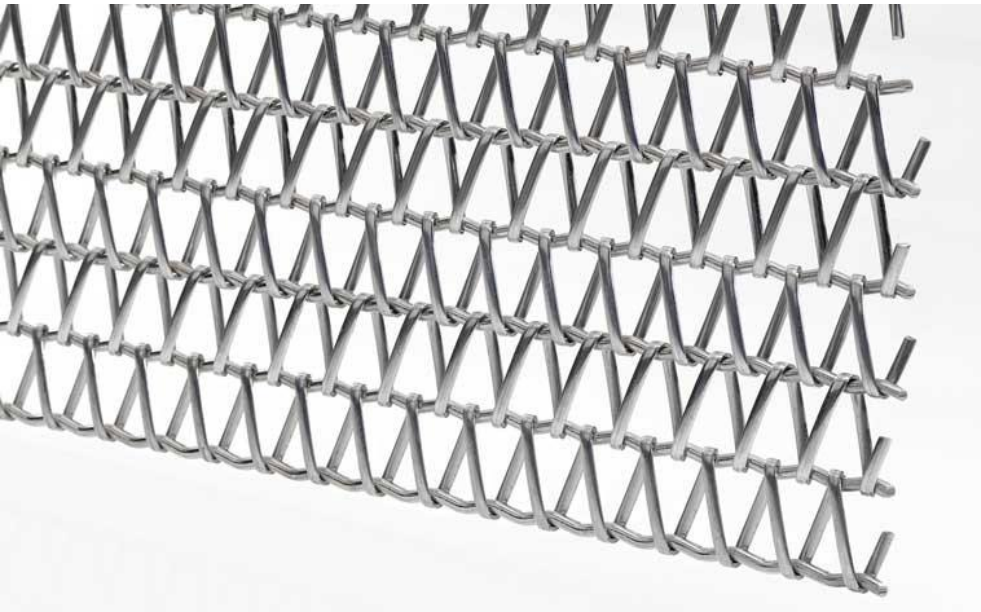
Cable mesh

BASED ON PRODUCTION PROGRESS




Rigid mesh/PC (pre-crimped) mesh

BASED ON PRODUCTION PROGRESS



Spiral mesh

02  **MANUFACTURE, SURFACE &
INSTALLATION**



Weiyue Wire Mesh

Preparation

Weaving

Finishing

Tailoring



MANUFACTURE

ARCHITECTURE METAL MESH

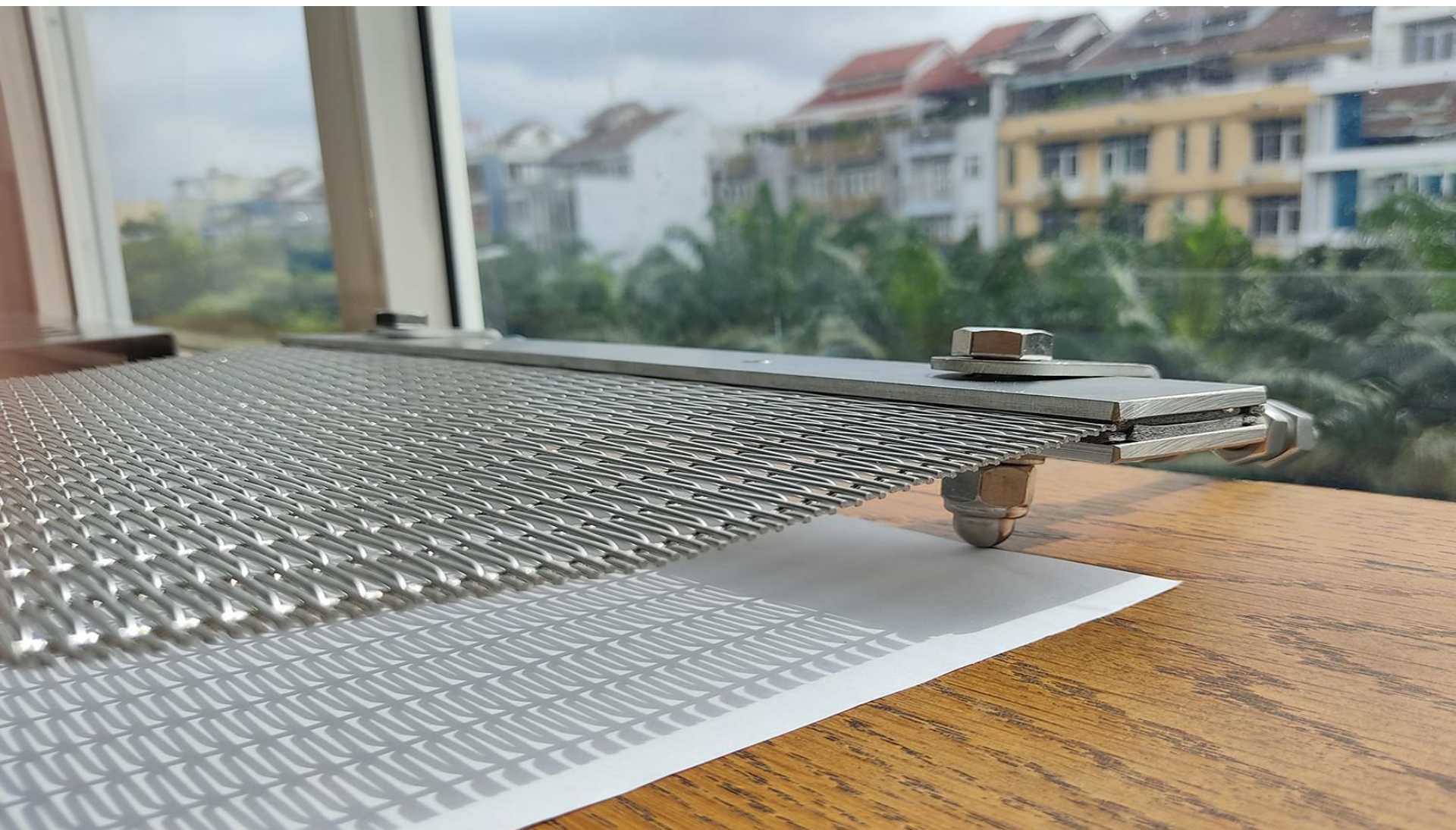


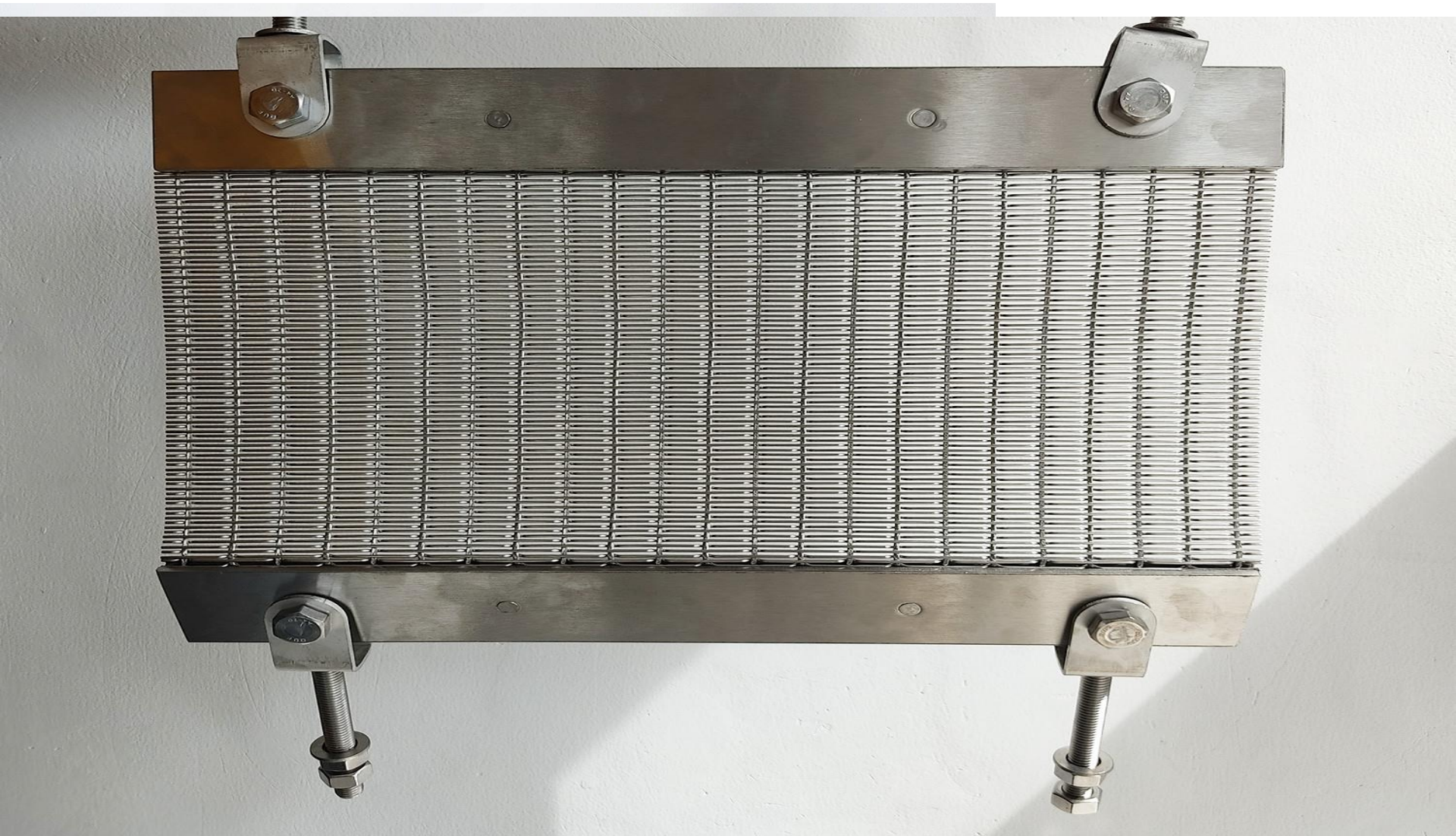
VIBUMA
Vietnam Building Materials

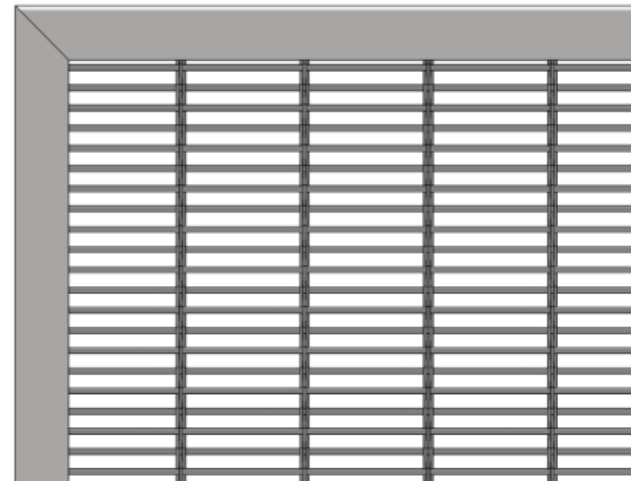
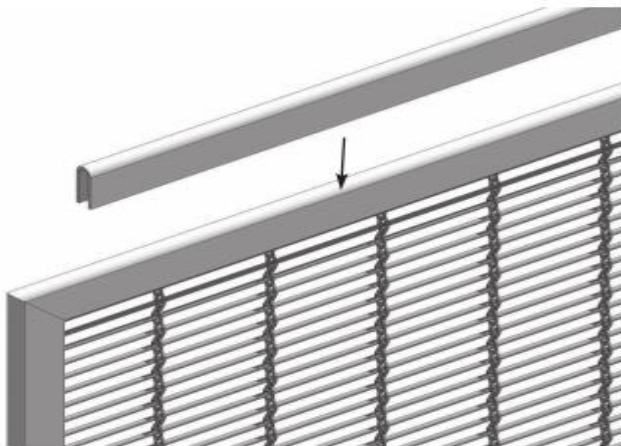
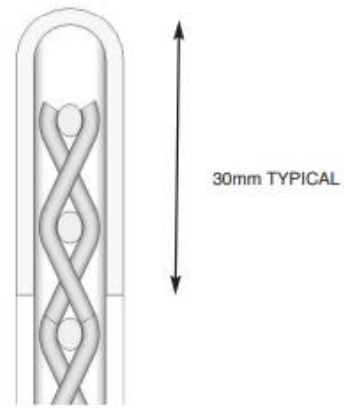
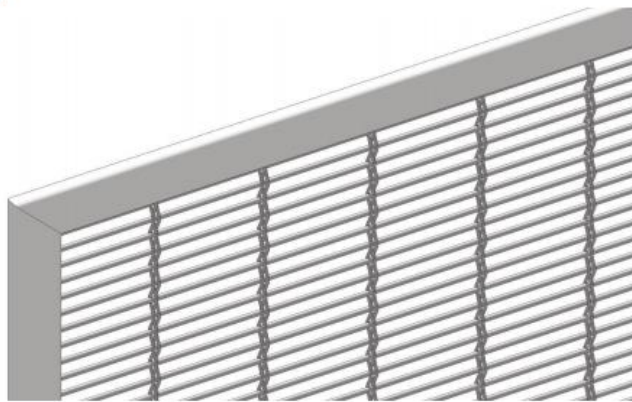


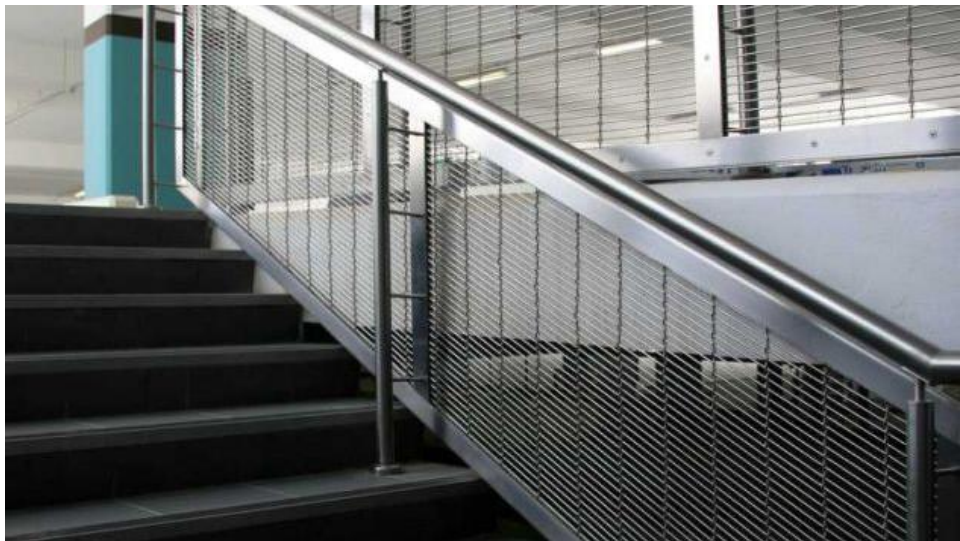
SURFACE

- COATED PAINTING
- ETCHING PROCESS
- ELECTROCHEMICAL PROCESS
- DIGITAL PRINTING PROCESS









03



**REFERENCE PROJECs AND
DISTRIBUTORS**

Hilton Airport, Frankfurt
Airport

- Designer: Joi Design office.
- Location: Germany



Munich chamber of
industry & commerce,
Munich

- Designer: m2plan
- Location: Germany



Luna Apartments,
Melbourne

- Designer: Elenberg
Fraser firm
- Location: Australia



Houses – Double Bay.
Sydney

- Designer: SAOTA
- Location: Australia



Kansas university
center, Kansas City

- Designer: CO Architects, Helix Architecture + Design.
- Location: USA



Colie Makchi Coffee
House,
Ho Chi Minh City

- Designer: TD Solutions.
- Location: Viet Nam



Deutsches Haus,
Ho Chi Minh City

- Designers: Meinhard von Gerkan and Nikolaus Goetze (GMP)
- Location: Viet Nam



The bridge, Ha Noi

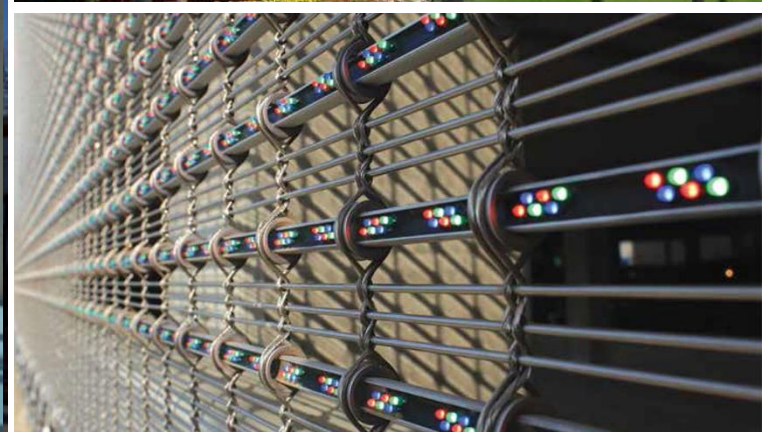
- Designer: G8A architects
- Location: Viet Nam



Brand name	Origin	Distributor in Viet Nam
GKD	Germany	Hiashi
Locker	United kingdom	Not available
Haver & Boecker	Germany	Not available
GAP architecture	United kingdom	Not available
SF wire mesh	China	Not available

04 **UTILITIES & PRICE**

- For exterior:
 - Façade
 - Transparent media façade
- For Interior :
 - Acoustic and design ceilings
 - Wall cladding
 - Room dividers
- Safety system:
 - Roller shutters
 - Railings
 - Balustrades



STT / No.	LOẠI LƯỚI / MESH TYPE	<30 m ²	30 - 100 m ²	101 - 200 m ²	Welding for one side / Hàn một mặt (m)	Passivating for one side / Xi mạ một mặt (m)
1	Baltic	€ 415	€ 352	€ 305	€ 40.25	€ 35.65
2	Dolphin	€ 407	€ 347	€ 300	€ 40.25	€ 35.65
3	Futura 3110	€ 282	€ 240	€ 208	€ 17.25	€ 17.25
4	Lago HAT	€ 328	€ 278	€ 242	€ 21.85	€ 23.00
5	Lamelle	€ 330	€ 280	€ 243	€ 19.55	€ 20.70
6	Kiwi	€ 282	€ 240	€ 208	not require	
7	Mandarin	€ 369	€ 313	€ 272	not require	
8	Omega 1510	€ 288	€ 245	€ 213	€ 17.25	€ 19.55
9	Omega 1520	€ 252	€ 215	€ 187	€ 17.25	€ 19.55
10	Omega 1530	€ 237	€ 202	€ 175	€ 17.25	€ 19.55
11	Omega 1540	€ 223	€ 190	€ 165	€ 17.25	€ 19.55
12	Sambesi	€ 385	€ 327	€ 283	€ 17.25	€ 23.00
13	Tigris	€ 260	€ 220	€ 192	€ 20.70	€ 18.40

Reference information from HIASHI distributor

Currency exchange

STT / No.	LOẠI LƯỚI / MESH TYPE	<30 m ²	30 - 100 m ²	101 - 200 m ²	Welding for one side / Hàn một mặt (m)	Passivating for one side / Xi mạ một mặt (m)
1	Baltic	11,414,575đ	9,681,760đ	8,389,025đ	1,107,076đ	980,553đ
2	Dolphin	11,194,535đ	9,544,235đ	8,251,500đ	1,107,076đ	980,553đ
3	Futura 3110	7,756,410đ	6,601,200đ	5,721,040đ	474,461đ	474,461đ
4	Lago HAT	9,021,640đ	7,646,390đ	6,656,210đ	600,984đ	632,615đ
5	Lamelle	9,076,650đ	7,701,400đ	6,683,715đ	537,723đ	569,354đ
6	Kiwi	7,756,410đ	6,601,200đ	5,721,040đ	không yêu cầu	
7	Mandarin	10,149,345đ	8,609,065đ	7,481,360đ	không yêu cầu	
8	Omega 1510	7,921,440đ	6,738,725đ	5,858,565đ	474,461đ	537,723đ
9	Omega 1520	6,931,260đ	5,913,575đ	5,143,435đ	474,461đ	537,723đ
10	Omega 1530	6,518,685đ	5,556,010đ	4,813,375đ	474,461đ	537,723đ
11	Omega 1540	6,133,615đ	5,225,950đ	4,538,325đ	474,461đ	537,723đ
12	Sambesi	10,589,425đ	8,994,135đ	7,783,915đ	474,461đ	632,615đ
13	Tigris	7,151,300đ	6,051,100đ	5,280,960đ	569,354đ	506,092đ

Note: update on 24/11/2020

05 **ADVANTAGES & DISADVANTAGES**

- Durable and weather resistant.
- Creating similar effect as: fabric, bamboo, wood, etc.
- Second protective layer for building with sense of ventilation.





Bamboo partition



Cable mesh partition

➤ These material could create similar effect like bamboo partition



Strech metal ceiling



PC mesh ceiling

➤ These material could create similar effect like metal stretch

- Being limited in several materials: stainless steel, bronze, aluminium
- With bronze and aluminium, it still corrosion when expose with salty environment such as: near ocean ,pool application and etc...
- With stainless steel: cost is expensive and its mass heavier than aluminium, which means that increase the dead load to the structure of building



THANK YOU
FOR YOUR ATTENTION

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