



**QIUSUO PRODUCT
2025**

Aluminum Bar Grating as Architectural Louvers

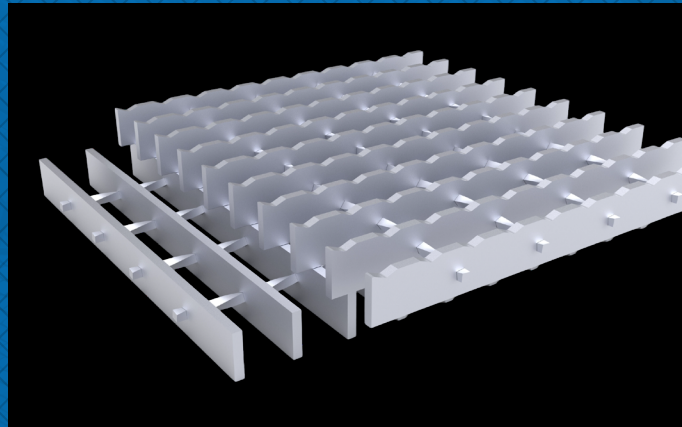
**QIUSUO® - Customizing All Types of Aluminum
Bar Grating Products for Your Projects**

HEBEI QIUSUO WIRE MESH PRODUCTS CO., LTD

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Aluminum Bar Grating as Architectural Louvers

Aluminum bar grating is increasingly used as architectural louvers in modern building design due to its unique combination of functionality and aesthetics. With its open-grid structure and clean linear appearance, it provides an effective sun-shading solution while enhancing the visual appeal of the building facade.



Specifications

Versatile Sizes can satisfy most of your applications

• Material	ASTM B221 6063-T6, ASTM B221 6061-T6
• Construction Type	Swage-locked, press-locked
• Surfaces	Flat, serrated
• Opening shapes	Square, rectangular, triangle
• Product surface	Smooth
• Bearing bar	Flat bar, I bar
• Surface treatment	Mill finish, primary color anodizing , colored anodizing, powder coating

Aluminum Bar Grating as Architectural louvers Span for Louvre

Type	kg/m ²	Distance between supports(mm), (Figures within tables are load pressures in KPa)													
		1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800
L203/43°	8	2.5	2.0	1.5	1.0	0.75	0.50	-	-	-	-	-	-	-	-
L203/54	9	2.5	2.0	1.5	1.0	0.75	0.50	-	-	-	-	-	-	-	-
L203/60	9	4.0	3.0	2.0	1.5	1.25	0.75	0.50	0.50	-	-	-	-	-	-
L203/80	12	7.5	5.0	3.0	2.5	1.75	1.25	1.00	0.75	0.50	0.50	-	-	-	-
L323/60	13	7.5+	7.5	5.0	3.0	2.50	2.00	1.50	1.25	1.00	0.75	0.50	0.5	-	-
L323/60/100°	13	3.0	2.5	2.0	1.5	1.25	0.75	0.50	0.50	-	-	-	-	-	-
L323/60/160°	13	7.5+	7.5	5.0	4.0	3.00	2.50	1.75	1.50	1.25	1.00	0.75	0.5	-	-
L323/80	14	7.5+	7.5	5.0	3.0	2.50	2.00	1.50	1.25	1.00	0.75	0.50	0.5	-	-
L403/60	14	7.5+	7.5	5.0	4.0	3.00	2.50	1.75	1.50	1.00	0.75	0.75	0.5	0.5	-
LF203/60	13	5.0	3.0	2.5	1.75	1.25	0.75	0.75	0.50	-	-	-	-	-	-
LF323/60	17	7.5+	7.5	5.0	3.5	2.50	1.75	1.50	1.00	0.75	0.75	-	-	-	-
LF403/60	19	7.5+	7.5+	7.5	6.0	5.00	3.50	3.00	2.25	1.75	1.50	1.25	1.0	0.5	0.5

ALUMINUM BAR GRATING AS ARCHITECTURAL LOUVERS

Features

- **Sun shading & cooling, improved energy efficiency**

Aluminum bar grating effectively blocks direct sunlight, reducing indoor heat buildup and lowering air conditioning energy consumption, thereby enhancing the building's energy performance.

- **Good ventilation, promoting airflow**

The open-structure design promotes natural air circulation, ideal for facades, equipment rooms, underground parking, and other spaces requiring airflow.

- **Visual screening, enhanced privacy**

While obstructing external views, the grating maintains interior openness and visual comfort, offering both privacy and aesthetic appeal.

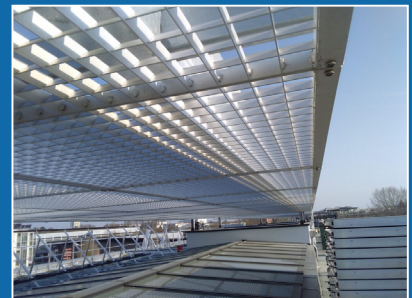
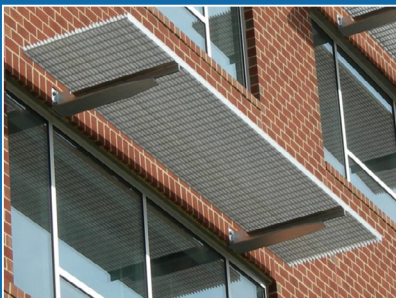
- **Lightweight & corrosion resistant, minimal structural load**

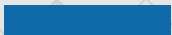
Made from 6061 or 6063 aluminum alloy, the grating offers excellent corrosion resistance and is suitable for various climate conditions, all while reducing structural weight.

- **Customizable design, adaptable to various architectural styles**

Customizable in terms of opening patterns (e.g., square or rectangular), mounting methods, and surface finishes (e.g., anodizing, powder coating) to meet modern architectural requirements for both function and appearance.

Applications





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