

ZR

GLASS RAILING SYSTEMS

Clarity, engineered.

Glass railing systems overview

玻璃护栏系统概览

PUBLIC EDITION · 2026

The edge is one system.

边界，是一套完整系统。

Glass, fixing hardware, finish, packing and export support are coordinated around the same project intent.

01	Glass customization	玻璃定制	Make-up, colour, shape and processing.
02	Hardware matching	五金匹配	Profiles, posts, brackets and trims.
03	Complete production	成套生产	Coordinated glass and metal preparation.
04	Project packing	项目包装	Export-ready protection and identification.
05	Document support	文件支持	Certificates and project information.

Start with the fixing position.

从固定位置开始选择。

The architecture usually narrows the choice before profile size and finish are considered.

01

Top mounted

顶部明装

Continuous base shoe

02

Recessed

地面预埋

Reduced visible profile

03

Fascia mounted

楼板侧装

Clear walking surface

04

Post supported

立柱支撑

Modular glass infill

05

Point / spigot

点式 / 地夹

Minimal local fixing

A continuous line. A clear view.

连续固定，保留完整视野。

110 mm

REFERENCE PROFILE

参考型材高度

Adjustable

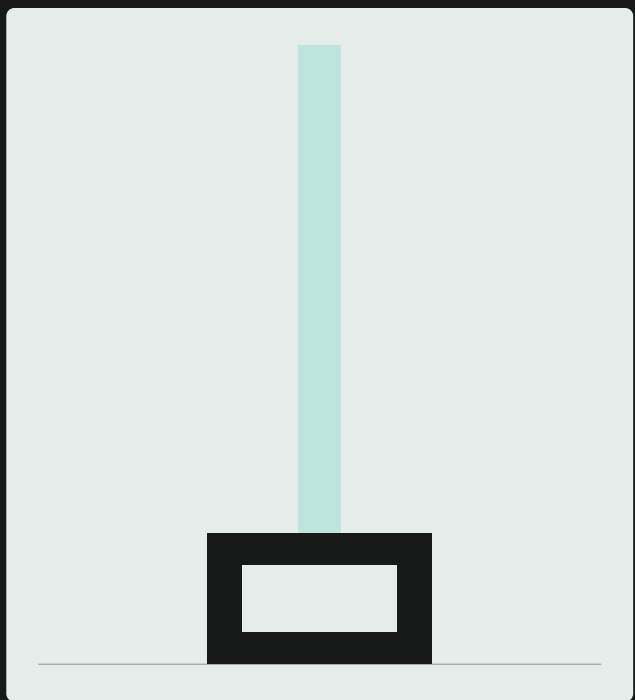
ALIGNMENT

玻璃可调校准

Top / recessed

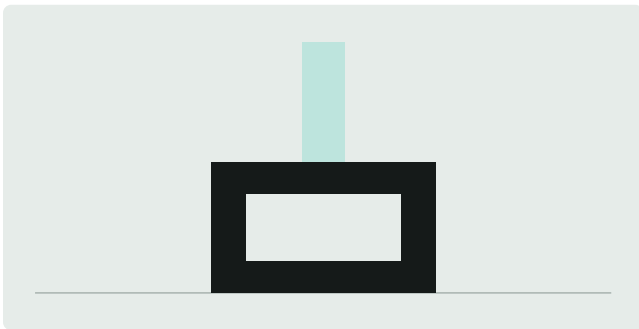
MOUNTING

明装 / 预埋



Two clean ways to meet the floor.

两种纯净的地面衔接方式。



BS110

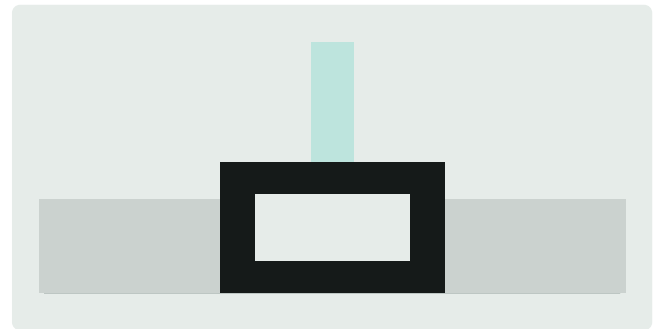
Reinforced top-mounted shoe

110 加强型明装底槽

110 mm reference height

Top-mounted

Straightforward access for installation, adjustment and finishing.



BS90-R

Recessed base shoe

90 mm 预埋底槽

90 mm reference height

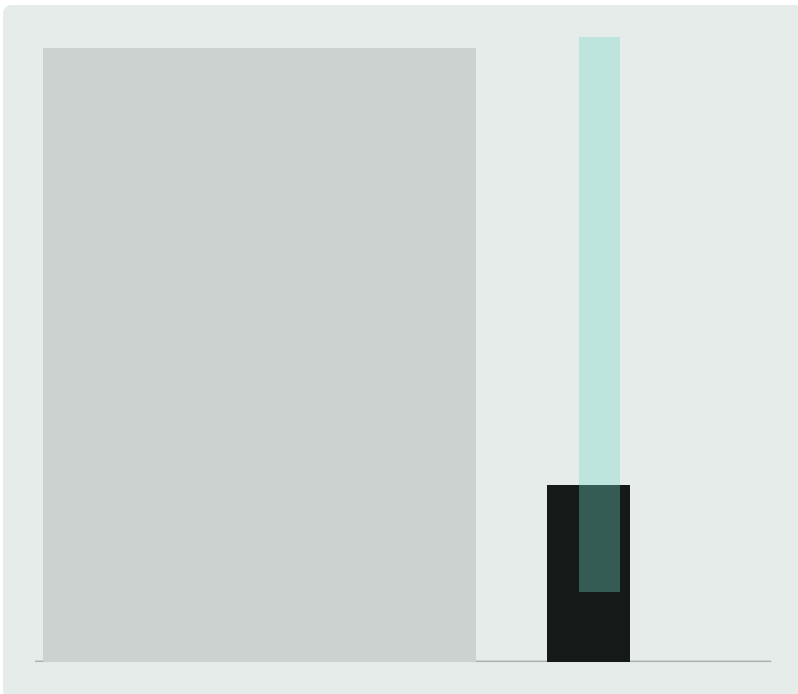
Recessed

Coordinates with the floor build-up to reduce the visible metal line.

Preserve the usable floor.

保留完整可用的地面。

A side-fixed family for balcony and terrace edges where the walking surface should remain visually clear.



FM200–400

Fascia-mounted profile family

侧装型材系列

200 mm

300 mm

350 mm

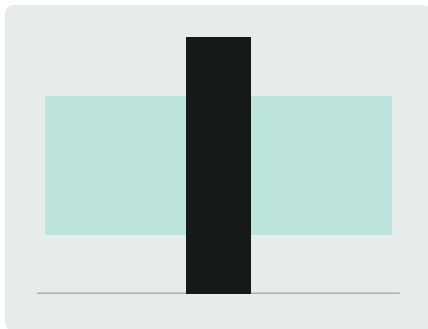
400 mm

Reference depths for varied slab-edge and finish conditions.

不同参考深度，用于协调楼板边缘与饰面条件。

Three profiles. Three architectural rhythms.

三种截面，三种建筑节奏。

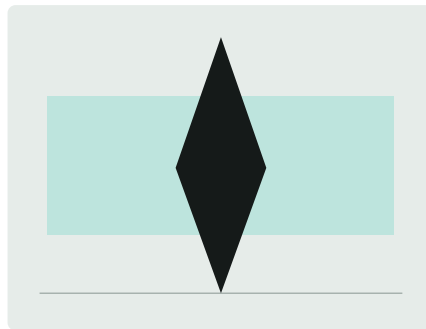


P50

Square post

方形立柱

50 × 50 mm

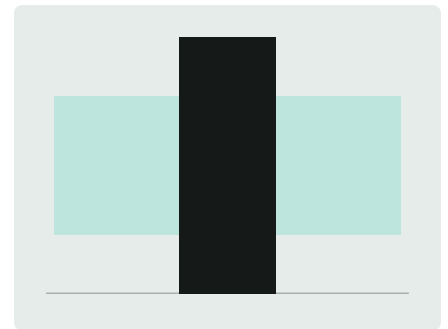


P80-D

Diamond post

菱形立柱

80 × 40 mm



P80-B

Bevelled post

斜面立柱

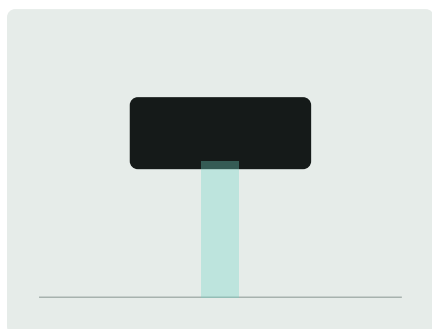
80 × 40 mm

The selected post geometry changes the apparent weight of the system from frontal and oblique views.

立柱截面会改变护栏在正面与斜向视角下的视觉重量。

Finish the upper edge with intent.

让上沿收口成为设计的一部分。

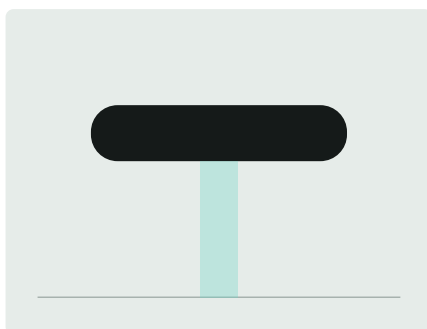


H45

Square handrail

方形扶手

45 × 45 mm · LED option

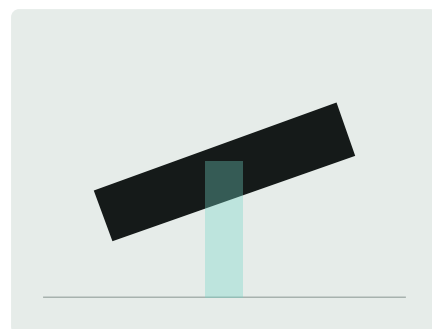


H65

Wide handrail

宽扶手

65 mm wide



H120

Flat / inclined

平面 / 斜面扶手

120 mm wide

LED-capable option

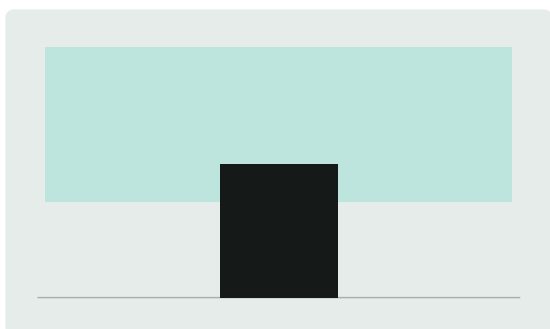
Integrated lighting can be coordinated where the selected profile and project detailing permit.

在型材与项目节点允许时，可协调集成照明。

Minimal fixing. Open waterline.

减少固定件，保留开阔水景。

Compact spigots offer a direct visual language for pools, gardens and low-rise outdoor boundaries.

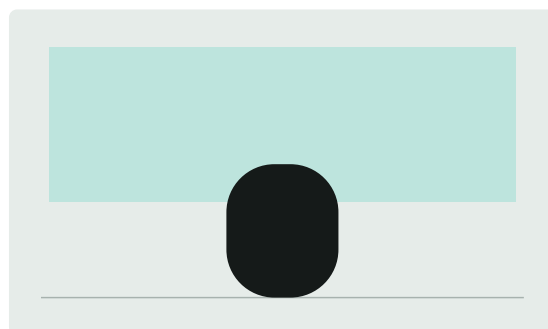


SP-SQ

Square spigot

方形地夹

Project-selected size



SP-RD

Round spigot

圆形地夹

Project-selected size

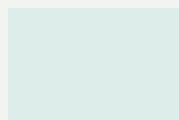
Also available as coordinated point-fixed and standoff solutions where the architecture calls for a more discrete connection.

如建筑设计需要更克制的连接方式，也可协调点式驳接方案。

Glass that does more.

让玻璃，创造更多。

Clarity, colour, privacy, energy and digital expression can all become part of the railing concept.



01

Ultra-clear

超白玻璃



02

Coloured laminated

彩色夹胶玻璃



03

Ceramic frit

彩釉玻璃



04

BIPV solar

BIPV 发电玻璃



05

LED media

LED 媒体玻璃

13.52 mm laminated safety glass is one confirmed website reference; final make-up remains project-specific.



09 / APPLICATIONS

One system language, across every edge.

以统一的系统语言，服务每一处建筑边界。

01 Balconies 阳台

02 Pool fencing 泳池

03 Stairs 楼梯

04 Decks & terraces 露台

05 Juliet balconies 法式阳台

06 Commercial guardrails 商业护栏

Hotel Atlantic El Tope

西班牙酒店阳台翻新

LOCATION

Tenerife, Spain

YEAR

2025

SCOPE

> 3,000 linear metres

A coastal hotel renovation pairing low-iron heat-strengthened laminated glass with an adjustable base-shoe railing system.

旧酒店阳台与屋顶露台翻新项目，采用超白半钢化夹胶玻璃及可调式底槽系统。

Parktown Residences

新加坡综合住宅项目

LOCATION

Tampines, Singapore

STATUS

Under construction

ZR SCOPE

Glass supply

13.52 mm heat-strengthened laminated grey glass supplied for balcony railing applications within a large mixed-use residential development.

大型综合住宅项目阳台护栏玻璃供货，采用 13.52 mm 半钢化灰色夹胶玻璃。

Rydges Mount Panorama

澳大利亚赛道酒店



LOCATION

Bathurst, Australia

COMPLETED

2003

ZR SCOPE

Glass supply

Ultra-clear tempered glass, including curved panels for guest-room balconies, preserves direct views over Mount Panorama Motor Racing Circuit.

提供 12 mm 超白钢化玻璃及房间阳台用超白弯弧钢化玻璃，保留赛道景观。

Evidence, organised by market.

按市场整理的认证与检验资料。

The website resource centre provides original PDF certificates and reports for direct review.

01	North America	ASTM · IGCC / IGMA 美标与中空玻璃认证
02	United Kingdom	UKCA · BS / BS EN 英国市场认证与报告
03	European Union	CE · EN 欧盟 CE 认证
04	Australia & New Zealand	AS / NZS 澳新标准符合性资料
05	Quality management	ISO 9001 质量管理体系

Certificate status and project applicability should always be checked at the time of specification.

选型时请再次核实证书有效状态及其对具体项目的适用性。



START A PROJECT

Bring us the edge. We'll engineer the clarity.

把边界交给我们，把通透留给建筑。

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PUBLIC OVERVIEW

Reference configurations only. Final specifications require project review.