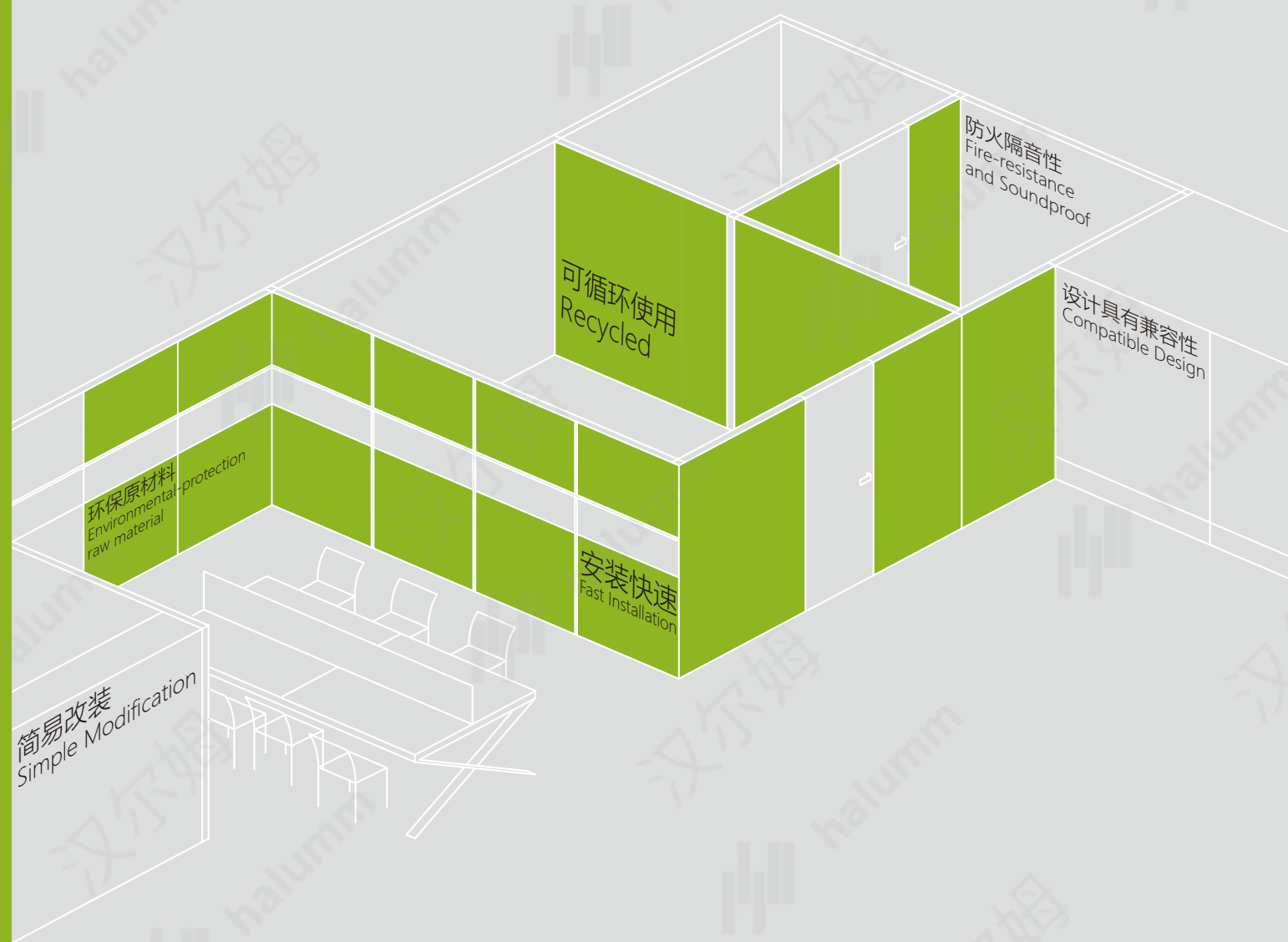


halumm prefabricated partition 汉尔姆装配式墙体手册

Redefining Your Space
理想空间 从此随心所欲



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公司简介 Company Profile



汉尔姆杭州总部办公大楼，获美国
LEED金级认证

halumm Hangzhou Headquarters
Office Building – US LEED gold
certification

汉尔姆建筑科技有限公司（简称：汉尔姆）是一家以科技研发为核心，高精度智能制造为基础，信息化和数字化为依托，专业从事智能制造与智能建造的高科技研发型企业。多年来，一直致力于新型建筑工业化装配式绿色低碳建筑整体集成解决方案的创新研发与推广应用，是国家高新技术企业，浙江省“专精特新”企业，浙江省建筑工业化产业基地，杭州市“绿色低碳工厂”，浙江制造“品字标”企业，获“浙江制造精品”认证，“绿色建材产品三星级”认证。目前已拥有国内外专利成果 213 项，软件著作权 25 项，先后主编或参编国际（ISO）、国家、行业、地方、团体标准规范 38 项，承担 17 项国家、省部级重点科研课题，自主创新多项达到国际领先或国际先进的科技成果，已广泛应用于“办公、会展、住宅、金融、教育、医疗、工厂、酒店、公共服务”9 大领域，为全球 56 个国家和地区打造 600+ 典型项目。

汉尔姆凭借“创新的技术、德国的工艺、高效的管理、专业的服务和高度的社会责任感”，先后承担完成中国杭州 G20 峰会和金砖国家厦门峰会装配式场馆、美国华尔街联合办公项目、埃塞俄比亚总统府和埃及新行政首都中央商务区等项目，已成为医疗康养大健康领域装配式建筑整体解决方案的领先品牌。



halumm Construction Technology Co., Ltd. (abbreviation: halumm) is a high-tech research and development enterprise specializing in intelligent manufacturing and intelligent construction with scientific and technological research and development as the core, high-precision intelligent manufacturing as the basis, and informationization and digitalization as the foundation. Over the years, it has been committed to the innovation, research and development and promotion of the application of new building industrialization assembly type green low-carbon building integrated solutions. It is a national high-tech enterprise, a "Specialized and Special New" enterprise in Zhejiang Province, an industrial base of building industrialization in Zhejiang Province, a "green low-carbon factory" in Hangzhou City, a "Pinzhi standard" enterprise in Zhejiang manufacturing, a "Made in Zhejiang Excellence" certification, and a "Green Building Material Product 3-star" certification.

At present, we have 213 domestic and foreign patent achievements, 25 software copyrights, 38 international (ISO), national, industry, local and group standards and norms, 17 national and provincial key scientific research projects, and a number of leading or advanced scientific and technological achievements, which have been widely used in "office, exhibition, residential, financial, education, medical, factory, building and construction". It has been widely used in nine major fields: office, exhibition, housing, finance, education, medical, factory, hotel and public service, and has created 600+ typical projects for 56 countries and regions around the world.

With "innovative technology, German craftsmanship, efficient management, professional service and high sense of social responsibility", halumm has successively completed projects such as the G20 Summit in Hangzhou, China and the BRICS Xiamen Summit, the Wall Street co-working project in the United States, the Presidential Palace in Ethiopia and the Central Business District in the new administrative capital of Egypt. The company has become a leading brand in the field of medical, recreational and health care assembly building solutions.



企业资质及荣誉

Enterprise Qualification and Honor



成为用户一生相伴的服务商
为人类提供舒适/健康/安全/环保的生活环境
To be a service provider with users all their lives
provide comfortable / healthy / safe / environmentally
friendly living environment for human beings



公司荣誉 Company honor

国家级专精特新 “小巨人”
National-level technologically advanced "little giant" enterprise
全国建材行业先进集体
National building materials industry advanced collective
国家级高新技术企业
National high-tech enterprises
浙江省新型建筑工业化产业基地
Zhejiang Province new building Industrial Development Zone
浙江省服务型制造示范企业
Zhejiang Province service-oriented manufacturing
demonstration enterprises
浙江省 “无废细胞”
No waste cells in Zhejiang Province
浙江省交通与建筑业数字化领军企业
Zhejiang Provincial transportation and construction
digitalization leader
杭州市绿色工厂
Hangzhou Green Factory

创新载体 Innovation carrier

浙江省企业研究院
Zhejiang Enterprise Research Institute
浙江省企业研发中心
Zhejiang enterprise research and
development center
杭州市企业技术中心
Hangzhou Enterprise Technology Center
杭州市工业设计中心
Hangzhou Industrial Design Center
杭州市专利示范企业
Hangzhou patent demonstration enterprise
杭州市临平区院士指导站
Hangzhou Linping Academy of Sciences
guidance center
杭州市临平区校企联合研究院
Hangzhou Linping district education and
enterprise joint research Institute

质量认证 Quality certification

美国LEED金级认证
LEED Gold certification
国家绿色建材三星认证
National green building materials three-star certification
浙江制造精品
Made in Zhejiang
浙江制造 “品字标” 认证
Made in Zhejiang "PING label" certification
浙江省新墙材目录产品
Zhejiang new material of wall catalog
通过ISO 9001、ISO 14001、ISO 45001、ISO 50001认证
ISO 9001, ISO 14001, ISO 45001, ISO 50001 certification
通过知识产权管理体系认证
Passed the intellectual property management system certification

创新成果 Innovative achievement

2018年中国专利奖
2018 China Patent Award
2023年浙江省技术发明奖
2023 Zhejiang Technological Invention Award
2016年G20杭州峰会服务保障突出贡献奖
2016 G20 Hangzhou Summit Service Guarantee Outstanding Contribution Award
2020年度建材与家居行业科学技术奖
2020 Building Materials and Home Furnishing Industry Science and Technology Award
2021年度建筑材料创新奖
2021 Building Materials Innovation Award
2022年度浙江省全域 “无废城市” 建设最佳实践案例
Best practice case of "waste free city" construction in Zhejiang Province in 2022
2023年装配式装修创新应用与设计大赛金奖
2023 Prefabricated decoration Innovation application and design Competition gold medal
2021年第九届企业信息化优秀项目奖
The 9th Enterprise Informatization Excellent Project Award in 2021

汉尔姆装配式墙体系统

halumm Prefabricated Partition System

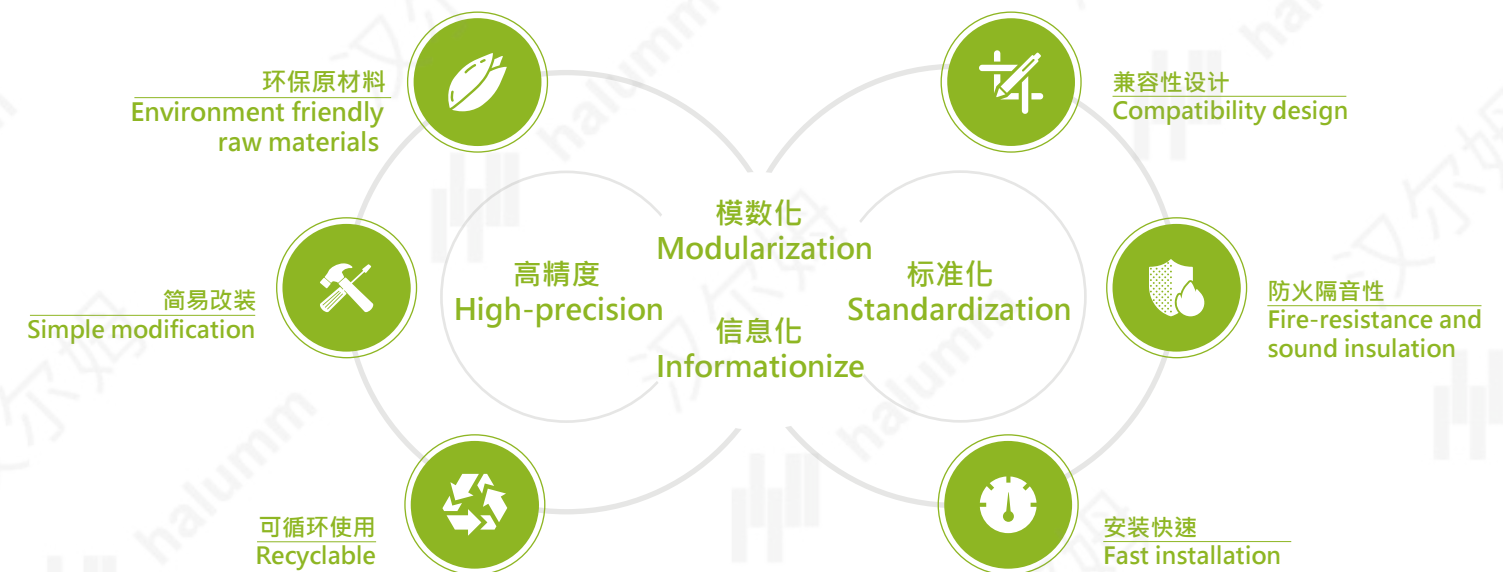
产品特性

Product Characteristics



墙体结构图

Wall structure drawing



环保原材料 Environment Friendly Raw Materials



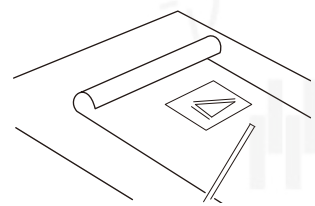
绿色环保是汉尔姆装配式墙体系统的鲜明特征之一。汉尔姆装配式墙体系统使用特殊设计的全钢墙体材料，零甲醛排放。安装现场无切割，避免产生粉尘及噪音等污染。

Environment friendly is a distinct characteristic of halumm prefabricated partition system. Specially designed steel wall materials are used in halumm prefabricated partition system with zero formaldehyde emission. In the installation site, no cutting is involved to avoid dust and noise pollution.

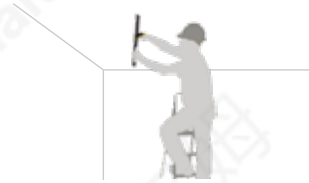
安装快速 Fast Installation

仅需六步即可安装完成使用。如此快速、简易、高效的安装工艺是汉尔姆装配式模块化墙体系统的标准，也成为现代建筑装饰的一种趋势。

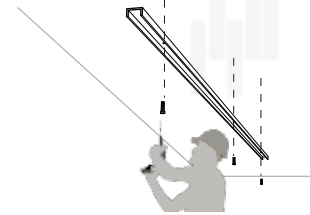
The installation is completed with only six steps. This fast, simple and efficient installation process is the standard of halumm prefabricated partition system, which has also become a trend of modern architectural decoration.



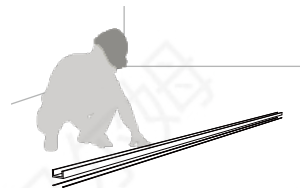
办公室布局计划
Office layout plan



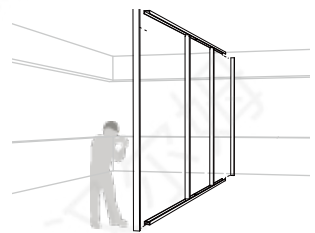
在天花板、地板上测量和
标记位置
Measure and mark position
on ceiling and floor



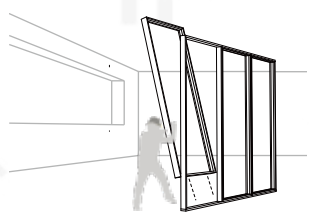
安装天花板轨道、胶带和
螺丝
Install ceiling rails and tape
and screws



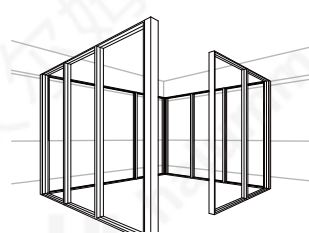
用可去除的胶带安装地板
轨道
Erection of vertical keel



安装竖龙骨
Erection of vertical keel



将成品模块安装到位
Install finished modules in place



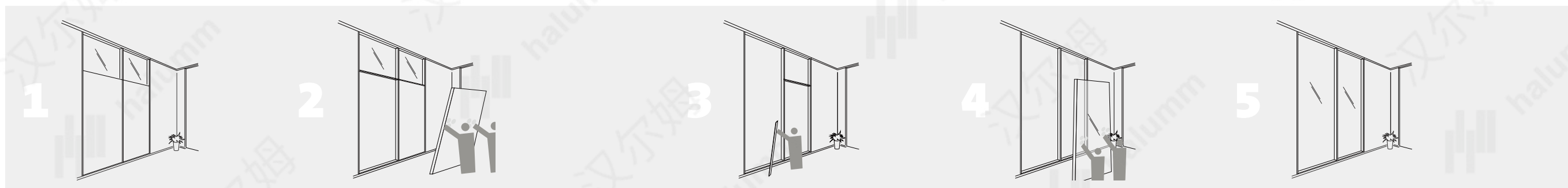
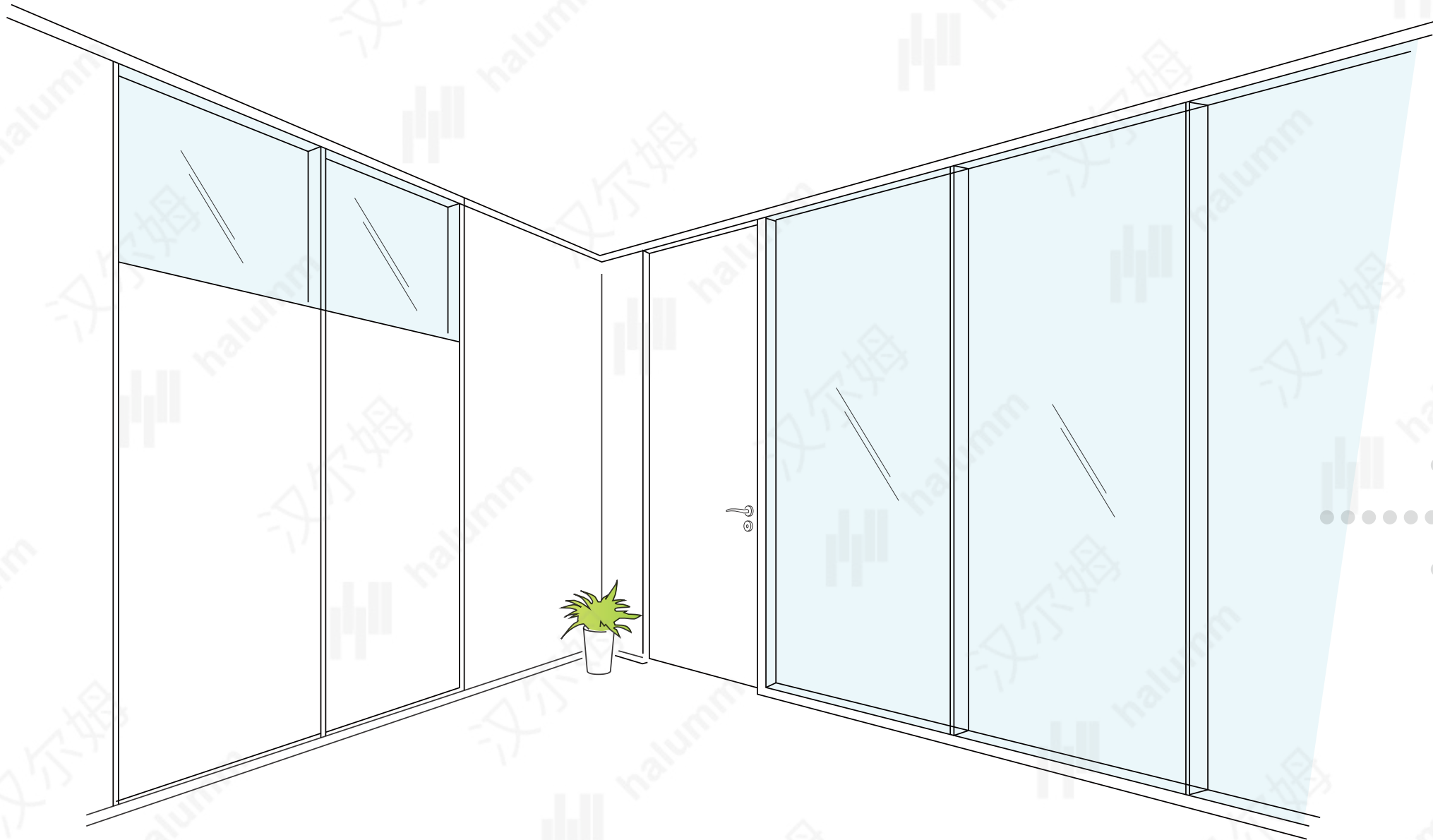
完成
Completion



改装简易 Simple Modification

频繁的人事重组使办公室布局调整变得尤为重要。汉尔姆装配式模块化墙体系统具备多种实用特性，不同墙体模块可进行不同组合，通过BIM、ERP、MES等建筑信息化系统赋予每个部件“身份证”，通过简单的二维码扫码即可查看该部件所有信息，为快速改装提供精准帮助。

Office layout adjustment has become particularly important due to frequent personnel reorganization. halumm prefabricated partition system possess diversified practical features, different wall modules can be combined in different ways. The building information system gives each component an “ID card” through BIM, ERP, MES, etc., and all information of this part can be viewed through simple QR code scanning, which provides precise help for quick modification.



可循环使用 Recyclable



顶部弹簧结构件便于非破坏性拆除
Top spring structure is convenient for non-destructive removal

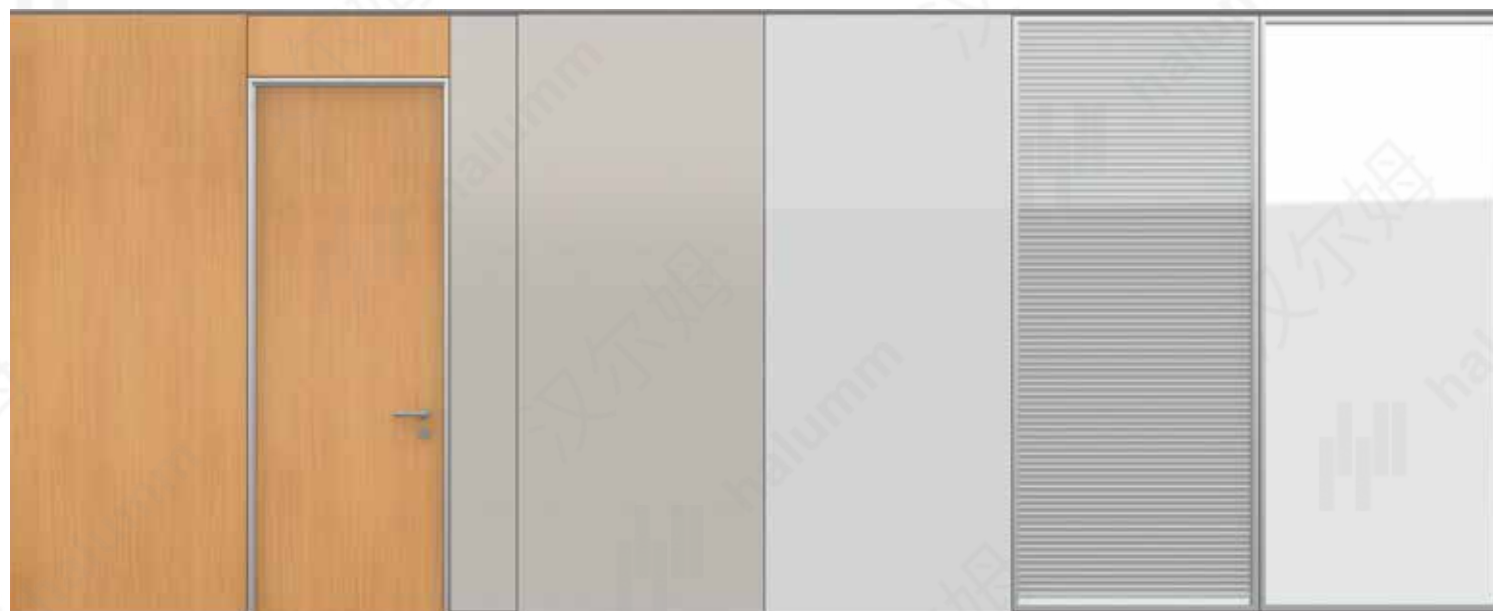


地面材料不受损，墙体可进行非破坏性拆除
Ground material is not damaged, and wall can be removed non-destructively.

汉尔姆装配式模块化墙体系统部件间的连接采用无损承插式结构，满足多次拆装的要求；在特定条件下可采用特殊设计的弹簧结构与顶面、地面的连接，不破坏顶面、地面材料，便于墙体进行非破坏性移除，做到整个空间循环使用，既节省时间和成本，也更利于环保。

Non-destructive socket construction is used in the connection between the components of the modular wall system to satisfy the requirements for multiple disassembly and assembly. In certain situations, the specially designed spring structure can connect with the ground and the top surface, which does damage the top and ground materials. It facilitates non-destructive removal of walls, and the whole space can be recycled. In this way, it not only saves time and cost, but also environmentally friendly.

设计具有兼容性 Compatible Design



钢板饰面
Steel plate finish



玻璃饰面
Glass finish



硅酸钙板覆膜饰面饰面
Calcium carbonate coated finish



木纹钢板饰面
Wood grain steel plate finish



隐框玻璃饰面
Hidden frame glass finish



石板瓷砖饰面
Slate tile finish

汉尔姆装配式墙体系统同时可满足不同设计风格的需求。通过搭积木式的组合模式，轻松满足任意多种设计要求。在原材料上，可采用钢板、玻璃、瓷板、硅酸钙板等无机环保材料；而在饰面上，可选择使用木纹、素色、肌理、石纹等表面效果。同时，墙体模块间的工艺缝可挂装柜体、办公桌等家具设备，使整个墙体成为一个多功能平台。

halumm prefabricated partition system can satisfy requirements of different design styles. With building block combination mode, any variety of design requirements can be met. For raw materials, steel plate, glass, porcelain plate, calcium silicate plate and other inorganic environmental protection materials can be used; for facing, wood grain, plain color, texture, stone grain and other materials can be selected. The process seams between the wall modules can be mounted with cabinets, desks and other furniture equipment, so the whole wall can be a multi-functional platform.

防火隔音性 Fire-resistance and Soundproof



汉尔姆装配式模块化墙体系统可以满足现代A级办公空间全标准诉求，无论是布线、隔音还是防火性能等。

防火性能：可满足不同区域的防火性能要求，防火时间分为30min、60min、90min。

隔音性能：可满足不同区域的隔音性能需求，隔音等级分为40dB、45dB、50dB、55dB。

halumm prefabricated partition system can satisfy the requirements of modern class A office space, whether in terms of wiring, sound insulation or fire resistance.

Fire resistance: able to meet the fire resistance requirements of different areas, and fire protection times are: 30min, 60min and 90min.

Soundproof: able to meet the sound insulation requirements of different areas, and the sound insulation levels are: 40dB, 45dB, 50dB and 55dB.



全钢系统防火等级：90分钟

All-steel system fire rating: 90 minutes

汉尔姆装配式墙体系统
halumm Prefabricated Partition System
产品介绍
Product Introduction





实体墙 - 钢制面板

Solid wall - Steel Panel

超高防火级别，卓越隔音效果，
选用环保原材料，安装快速高效

Super high fire prevention rating, excellent sound
insulation, environmentally friendly raw materials,
and fast and efficient installation



常规尺寸 Common regular size:
模块宽度为 Module width 1000mm,1100mm, 1200mm
模块高度为 Module height 2700mm
产品类别 Product category:
钢制成品隔断 Finished steel partition (ST-104-S)
适用建筑类型 Applicable building type :
住宅、办公、商业、金融、交通设施等
Residential, office, commercial, financial, transportation facilities, etc.
使用部位 Place of use:
室内隔墙 Indoor partition

主要技术参数 Main technical parameters:
隔墙系统厚度 Thickness of partition system 104mm
面板类型及厚度 18mm钢制复合面板 (钢板厚度0.8mm)
Panel type and thickness
模块间工艺缝 Panel type and thickness 5mm
系统耐火性能 Fire resistance of system F60~90(min)
隔音 Soundproof 42-52dB
踢脚线 Baseboard 内凹式, 高30mm
误差调节 Error adjustment ±10mm
隔音棉 Soundproof cotton 48kg/m³、150kg/m³
抗撞击 Anti-impact 700Nm
钢龙骨的原材料 Raw materials of steel keel 1.0mm热镀锌钢带
铝门框受力位置壁厚 3.0mm
Wall thickness of aluminum door frame at stress position
门模块 (含门框) 1000×2400mm

其他技术参数 Other technical parameters:
甲醛 Formaldehyde E0
结构燃烧性能 Combustion performance of structure A

“钢制面板”系列可达到最高防火级别，其饰面亦可定制

“Steel panel” series can achieve highest fire prevention
rating with customized finish coat.



实体墙 - 硅酸钙板

Solid Wall - Calcium Silicate Board



硅酸钙板隔墙节点
Calcium silicate board partition joint

优越的防火及耐潮性能，使用寿命长，强度高、坚实可靠，抗菌抗腐

Excellent fire and moisture resistance, with long service life, high strength, solid and reliable, anti-bacterial and anti-corrosion.



硅酸钙板隔墙节点
Calcium silicate board partition joint

常规尺寸 Common regular size:

模块宽度为 Module width 1000、1100mm、1200mm
模块高度为 Module height 2700mm

产品类别 Product category:

成品硅酸钙板隔断 (ST-104-C)
Finished calcium silicate board partition

适用建筑类型 Applicable building type:

住宅、办公、商业、金融、交通设施等
Residential, office, commercial, financial, transportation facilities, etc.

使用部位 Place of use:

室内隔墙 Interior partition

主要技术参数 Main technical parameters:

隔墙系统厚度 Thickness of partition system	104mm
面板类型及厚度 Panel type and thickness	12mmPVC覆膜板(基板为硅酸钙板)
模块间工艺缝 Process joint between modules	5mm
系统耐火性能 Fire resistance of system	F60~90(min)
隔音 Soundproof	42-52dB
踢脚线 Baseboard	内凹式，高30mm
误差调节 Error adjustment	±10mm
隔音棉 Soundproof cotton	48kg/m ³ 、150kg/m ³
抗撞击 Anti-impact	700Nm
钢龙骨的原材料 Raw materials of steel keel	1.0mm热镀锌钢带
铝门樘受力位置壁厚 Wall thickness of aluminum door frame at stress position	3.0mm
门模块 (含门框) Door module (including door frame)	1000×2400mm

其他技术参数

Other technical parameters:

甲醛 Formaldehyde	E0
结构燃烧性能 Combustion performance of structure	A

高效组装和改装，高隔音、强防火，防潮不易变形

Efficient assembly and modification, high soundproof, strong fire protection, moisture proof and not easily deformed

实体墙 - 石膏板

Solid Wall - Gypsum Board



石膏板系列节点
Gypsum board series node



石膏板系列节点
Gypsum board series node

常规尺寸 Common regular size:
模块宽度为 Module width 1200mm;
模块高度为 module height 2400mm,3000mm
产品类别 Product category:
成品石膏板隔断 Finished gypsum board partition
适用建筑类型 Applicable building type:
行政办公类、商业金融、交通设施等
Administrative office, commercial finance, transportation facilities, etc.
使用部位 Place of use:
室内隔墙隔断\室内墙面 Interior partition/interior wall
主要技术参数 Main technical parameters:
隔墙系统厚度 Thickness of partition system 104mm
面板类型及厚度 9+9mmPVC覆膜板（基板为石膏板）
Panel type and thickness

模块间缝隙 Gap between modules 无
隔音 Soundproof 42dB
踢脚线 Baseboard 内凹30mm
误差调节 Error adjustment ±10mm
隔音棉 Soundproof cotton 48kg/m³、150kg/m³
钢龙骨的原材料 Raw materials of steel keel 1.0mm热镀锌钢带
门模块（含门框） 1000×2400mm
Door module (including door frame)
其他技术参数 Other technical parameters:
甲醛 Formaldehyde E0
结构燃烧性能 Combustion performance of structure A



墙面使用模块化的结构体系与板材来装饰粗糙的原始墙壁，有预辊涂和PVC覆膜两种工艺。并加入了各种智能系统，增加了墙面的使用功能（如吸音、隔音、防火、抗撞击、隐藏功能等）。

The rough original wall is decorated with modular structure system and board, and there are two processes: pre-roll coating and PVC coating. Various intelligent systems are also added to increase the functions of the wall (such as sound absorption, soundproof, fire protection, anti-collision, hidden functions, etc.).

常规尺寸 Common regular size:
模块宽度为 Module width 1000mm,1100mm, 1200mm

产品类别 Product category:
钢制成品隔断 Finished steel partition

适用建筑类型 Applicable building type:
住宅、办公、商业、金融、交通设施等
Residential, office, commercial, financial, transportation facilities, etc.

使用部位 Place of use:
建筑核心筒/外墙内表面 Building core/ Internal surface of external wall

主要技术参数 Main technical parameters:

隔墙系统厚度	Thickness of partition system	30/60/90mm
面板类型及厚度	Panel type and thickness	1、18mm钢制复合面板（钢板厚度0.8mm） 2、12mmPVC覆膜板（基板为硅酸钙板） 3、6、8mm烤漆玻璃
模块间工艺缝	Process joint between modules	5mm
踢脚线	Baseboard	内凹式高30mm
误差调节	Error adjustment	±10mm
钢龙骨的原材料	Raw materials of steel keel	1.0mm热镀锌钢带

其他技术参数:
Other technical parameters

甲醛	Formaldehyde	E0
结构燃烧性能	Combustion performance of structure	A

挂墙
Wall Hanging



挂墙90款
90 types of wall hanging



挂墙60款
60 types of wall hanging



密拼挂墙90款
90 types of closely jointed wall hanging



密拼挂墙60款
60 types of closely jointed wall hanging



PVC覆膜工艺
PVC coating process



预辊涂工艺
Pre-roll coating process

常规尺寸 Common regular size:
模块宽度为 Module width 1000mm,1100mm, 1200mm
模块高度为 Module heigh 2700、3500、4000mm

产品类别 Product category:
钢制成品隔断 (ST-180) Finished steel partition (ST-180)

适用建筑类型 Applicable building type:
住宅、办公、商业、金融、交通设施等
Residential, office, commercial, financial, transportation facilities, etc.

使用部位 Place of use:
室内隔墙 Interior partition

主要技术参数 Main technical parameter:
隔墙系统厚度 Thickness of partition system 180mm
面板类型及厚度 Panel type and thickness 18mm钢制复合面板
(钢板厚度0.8mm)

模块间工艺缝 Process joint between modules 5mm
系统耐火性能 Fire resistance of system F60(min)
隔音 Soundproof 52dB
踢脚线 Baseboard 内凹式, 高30mm
误差调节 Error adjustment ±10mm
隔音棉 Soundproof cotton 48kg/m³、150kg/m³
抗撞击 Anti-impact 700Nm
钢龙骨的原材料 Raw materials of steel keel 1.0mm热镀锌钢带
铝门樘受力位置壁厚 3.0mm
Wall thickness of aluminum door frame at stress position
门模块 (含门框) 1000×2400mm
Door module (including door frame)

其他技术参数 Other technical parameters:
甲醛 Formaldehyde E0
结构燃烧性能 Combustion performance of structure A

功能墙体 I
Functional Wall I



功能墙节点
Function wall node

功能墙体 II Functional Wall II

含储物、走线、内嵌电子设备等功能，隔音防火、整洁美观，拆装便捷高效

Including functions such as storage, wiring, embedded electronic equipment etc., soundproof, fire proof, neat and beautiful, and convenient and efficient disassembly

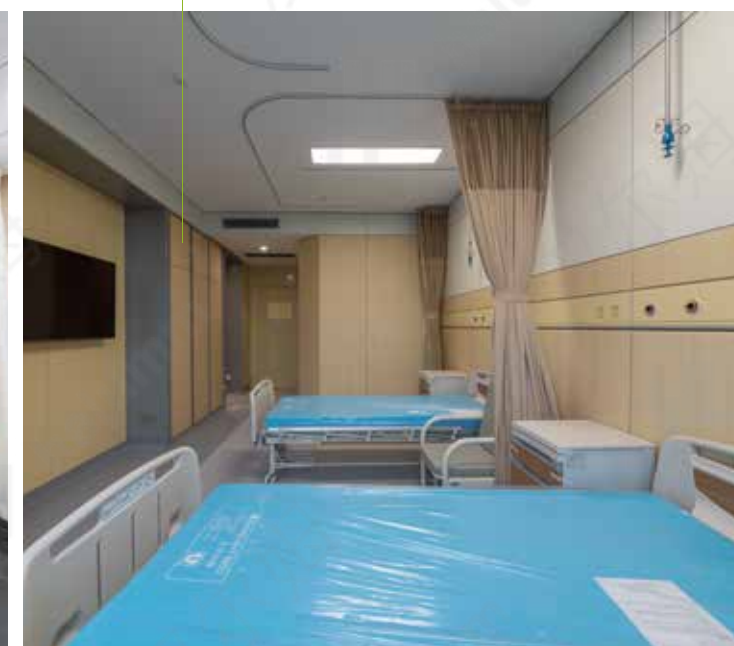
墙柜
Wall cabinet
钢制墙体与钢制柜体 整体供应
Overall supply of steel wall and steel cabinet
外观统一协调
Coordination of the appearance

嵌入式设备 电视等
Embedded devices such as TV, etc.

嵌入式设备
Embedded devices

钢制门与钢制墙体协调统一
Coordination of the steel door and steel wall

钢制墙体与柜体协调统一
Coordination of the steel wall and cabinet



常规尺寸 Common regular size:

模块宽度为	Module width	800mm
模块高度为	Module heigh	3000mm

产品类别 Product category:

防爆墙 Explosion protection wall

适用建筑类型 Applicable building type:

金融、抗爆间等 Finance, anti-explosion room, etc

使用部位 Place of use:

室内隔墙 Interior partition

主要技术参数 Main technical parameters:

隔墙系统厚度	Interior partition	141mm
面板类型及厚度	8mm钢板、21.5mm钢制复合面板	
Panel type and thickness		
模块间缝隙	Gap between modules	密拼
系统抗暴性能	System anti-storm performance	

系统抗穿透性能

150gTNT (1.55g/cm3_ 1.60g/cm3)贴面爆炸, 不产生穿透性孔洞, 背面应无飞溅物

System penetration resistance

有效防护79式轻型冲锋枪在距离枪口5m处发射51B式7.62mm手枪弹(钢芯)的射击, 子弹及其破片不应穿透

系统抗盗性能

System anti-theft performance

使用GB10409-2001中A1级规定的工具, 在15min净工作时间内不能打开一个

隔音棉

Soundproof cotton

150kg/m³

钢龙骨的原材料

Raw materials of steel keel 3.0mm热镀锌钢板

其他技术参数 Other technical parameters:

甲醛	Formaldehyde	E0
结构燃烧性能	Combustion performance of structure	A

防爆墙体

Explosion Proof Wall

经过公安部检测认证, 模块化设计, 成品化装配式安装, 可多次拆装、循环使用

Tested and certified by the Ministry of Public Security, modular design, finished assembly type installation, multiple disassembly and assembly and recyclable



防爆墙体节点

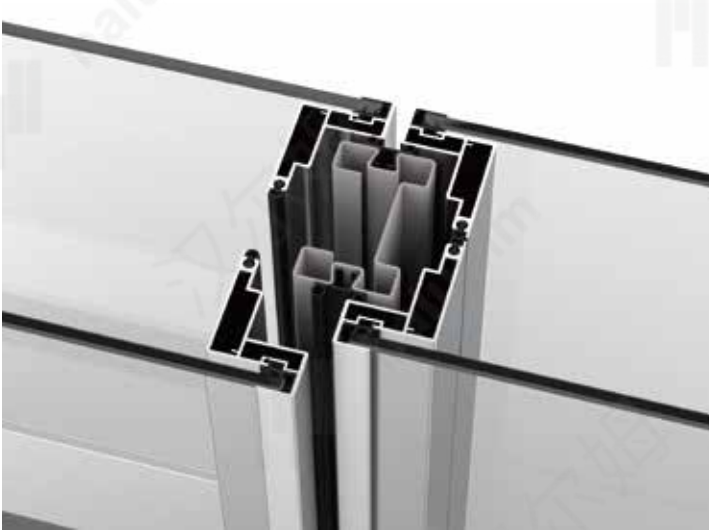
Explosion proof wall node

拆装极易，防火防撞性能强，简约通透，极具科技线条感

Easy for disassembly and assembly, strong fire and collision resistance, simple and bright decoration with a strong sense of technology line



玻璃墙体-明框玻璃系统 Glass Wall - Clear Frame Glass System



“明框玻璃系统”节点
“Clear frame glass system” node

- 常规尺寸 Common regular size:**
模块宽度为 Module width 1000mm, 1100mm, 1200mm
模块高度为 Module height 2700mm
- 产品类别 Product category:**
钢制成品隔断 (ST-104-G) Finished steel partition (ST-104-G)
- 适用建筑类型 Applicable building type:**
住宅、办公、商业、金融、交通设施等
Residential, office, commercial, financial, transportation facilities, etc.
- 使用部位 Place of use:**
室内隔墙 Interior partition
- 主要技术参数 Main technical parameters:**
隔墙系统厚度 Thickness of partition system 104mm
面板类型及厚度 Panel type and thickness 玻璃 (6mm、8mm)
模块间缝隙 Process joint between modules 5mm
隔音 Soundproof 42dB
踢脚线 Baseboard 内凹式, 高30mm
误差调节 Error adjustment ±5mm
抗撞击 Anti-impact 700Nm
铝门樘受力位置壁厚 3.0mm
门模块 (含门框) 1000×2400mm
Door module (including door frame)
- 其他技术参数 Other technical parameters:**
甲醛 Formaldehyde E0
结构燃烧性能 Combustion performance of structure A
附加功能 Additional functions 百叶厚度0.18mm, 宽度25mm, 标配为银灰色。百叶控制模式: 手动、电动

玻璃墙体-隐框玻璃系统

Glass Wall - Hidden Frame Glass System

安装快速高效，高隔音、强防火，
优雅大气，极具细腻感

Fast and efficient installation, high
soundproof, strong fire protection,
elegant and exquisite

常规尺寸 Common regular size:
模块宽度为 Module width 1000mm,1100mm, 1200mm
模块高度为 Module height 2700mm

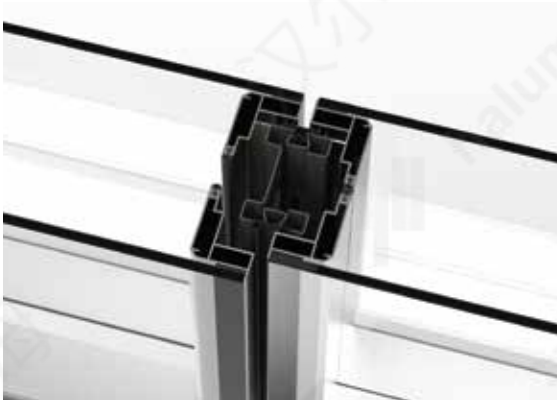
产品类别 Product category:
钢制成品隔断 (ST-104-G) Finished steel partition (ST-104-G)

适用建筑类型 Applicable building type:
住宅、办公、商业、金融、交通设施等
Residential, office, commercial, financial, transportation
facilities, etc.

使用部位 Place of use:
室内隔墙 Interior partition

主要技术参数 Main technical parameters:
隔墙系统厚度 Thickness of partition system 104mm
面板类型及厚度 玻璃 (6mm、8mm)
Panel type and thickness
模块间缝隙 Process joint between modules 5mm
隔音 Soundproof 42dB
踢脚线 Baseboard 内凹式，高30mm
误差调节 Error adjustment ±5mm
抗撞击 Anti-impact 700Nm
铝门樘受力位置壁厚 3.0mm
Wall thickness of aluminum door frame at stress position
门模块 (含门框) 1000×2400mm
Door module (including door frame)

其他技术参数 Other technical parameters:
甲醛 Formaldehyde E0
结构燃烧性能 A
Combustion performance of structure
附加功能 百叶厚度0.18mm，宽度25mm，
Additional function 标配为银灰色。
百叶控制模式：手动、电动



“隐框玻璃系统”节点

“Hidden frame glass system” node



“隐框玻璃系统”节点

“Hidden frame glass system” node



高端会展（国家级高端会展）
High-end Exhibition (National High-end Exhibition)
杭州G20峰会 Hangzhou G20 Summit

汉尔姆装配式墙体系统
halumm Prefabricated Partition System
案例欣赏 Case



高端会展（国家级高端会展）
High-end Exhibition (National High-end Exhibition)
杭州G20峰会 Hangzhou G20 Summit



高端会展（国家级高端会展）
High-end Exhibition (National High-end Exhibition)
厦门金砖国家峰会 Xiamen BRICS National Summit



商务空间（国际标准5A级写字楼/健康环保/可变空间）
Commercial Space (International Standard 5A Office Building /
Healthy and Environmentally Friendly / Variable Space)

上海中心 Shanghai Center



商务空间（国际标准5A级写字楼/健康环保/可变空间）
Commercial Space (International Standard 5A Office Building /
Healthy and Environmentally Friendly / Variable Space)

杭州市民中心 Hangzhou Citizens Center



商务空间（国际标准5A级写字楼/健康环保/可变空间）
Commercial Space (International Standard 5A Office Building /
Healthy and Environmentally Friendly / Variable Space)
雄安市民中心 Xiong'an Citizens Center



商务空间（国际标准5A级写字楼/健康环保/可变空间）
Commercial Space (International Standard 5A Office Building /
Healthy and Environmentally Friendly / Variable Space)

浙商创投大厦 Zheshang Venture Capital Building



商务空间（国际标准5A级写字楼/健康环保/可变空间）
Commercial Space (International Standard 5A Office Building /
Healthy and Environmentally Friendly / Variable Space)

加拿大VELA财富管理中心 Vela Wealth Management Center, Canada



商务空间（国际标准5A级写字楼/健康环保/可变空间）
Commercial Space (International Standard 5A Office Building /
Healthy and Environmentally Friendly / Variable Space)

宁波交通银行 Bank of Communications, Ningbo



医疗空间（快速建造/绿色无醛/可灵活改造升级）
Medical Space (Fast Construction / Green Aldehyde Free / Flexible to Upgrade)
武汉亚心医院 Wuhan Asia Heart Hospital



医疗空间 (快速建造/绿色无醛/可灵活改造升级)
Medical Space (Fast Construction / Green Aldehyde Free /
Flexible to Upgrade)

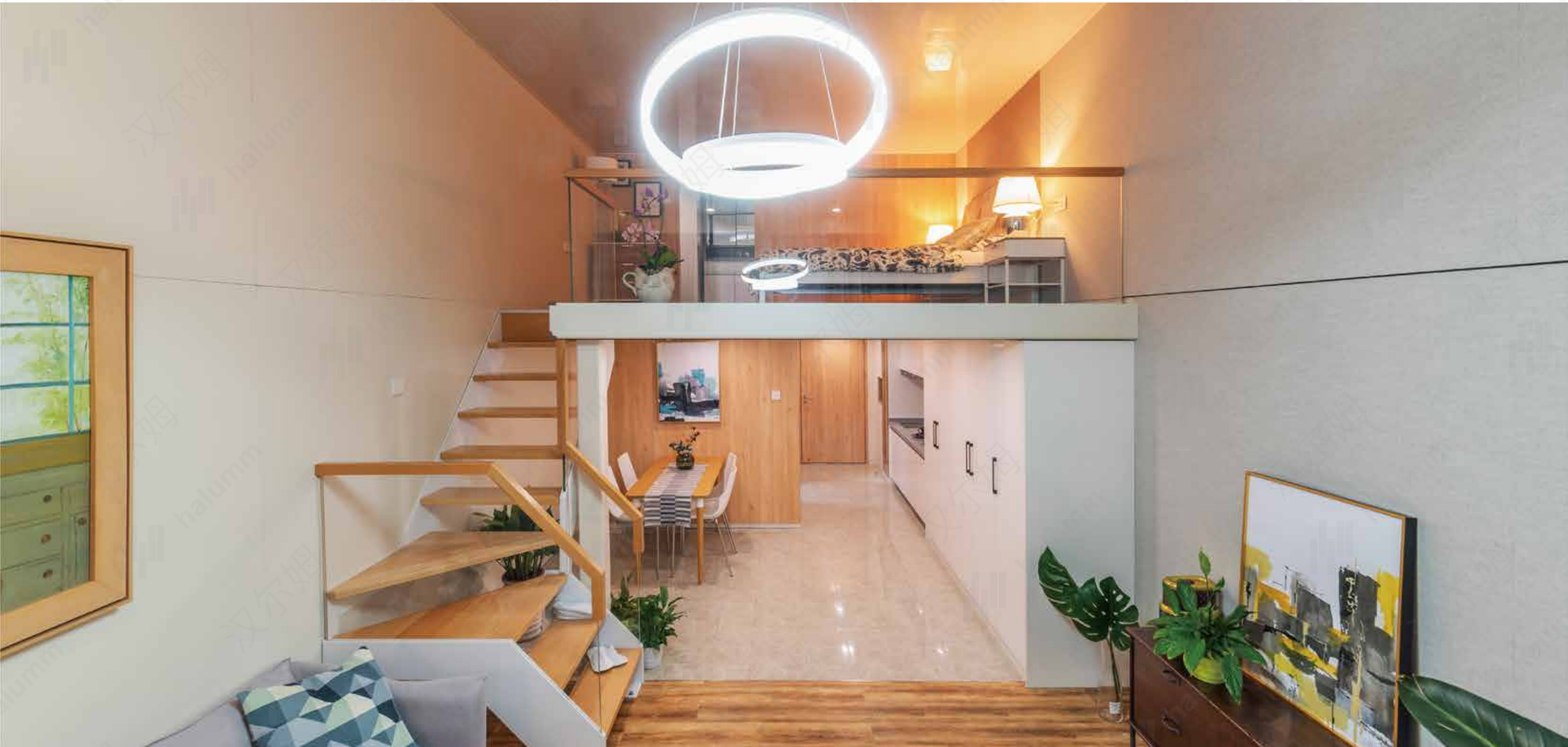
西安强森医院 Xi'an Qiangsen Medical Hospital



住宅 (10天建造/品质公寓/绿色无醛)

Residence (Built in 10 Days / Quality Apartment /
Green Aldehyde Free)

LOFT公寓 LOFT Apartment



住宅 (10天建造/品质公寓/绿色无醛)
Residence (Built in 10 Days / Quality Apartment /
Green Aldehyde Free)

适老公寓 Shilao Apartment



住宅 (10天建造/品质公寓/绿色无醛)
Residence (Built in 10 Days / Quality Apartment /
Green Aldehyde Free)

未来之家 Weilai Zhijia



教育（智能化科技/可变空间/绿色无醛）
Education (Intelligent technology / Variable Space /
Green Aldehyde Free)
智慧教室 Smart classroom



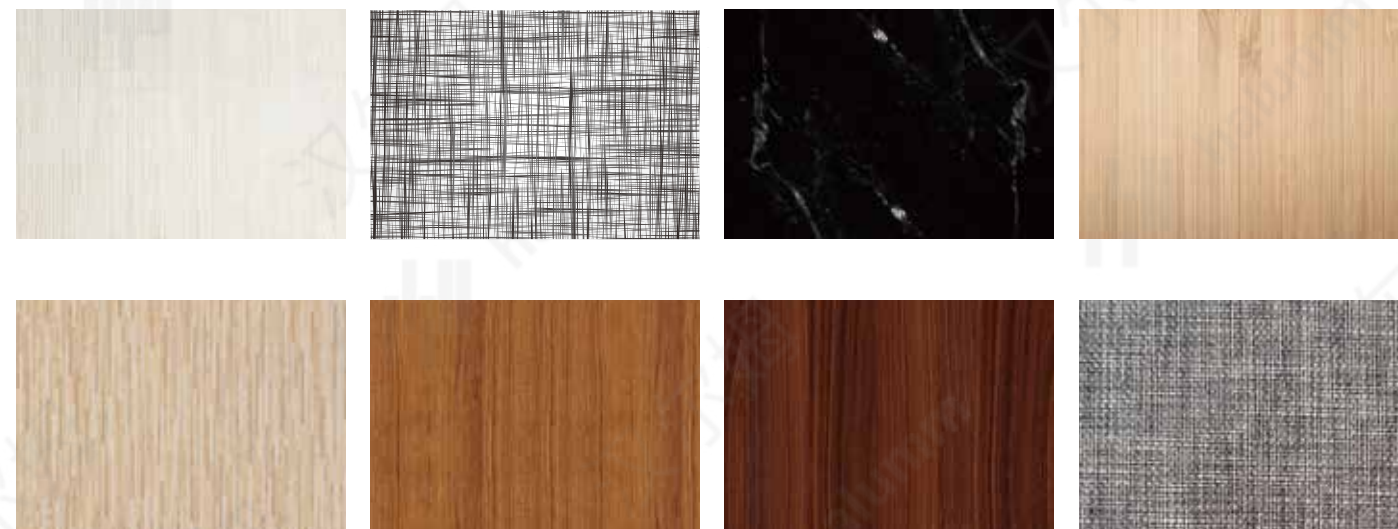
饰面选择 Finish Selection

预辊涂饰面 Pre-roll Finish



*汉尔姆提供多种颜色的选择，并可根据客户需求订做所需颜色。
halumm offers a wide selection of colors and can customize the color according to the customer's needs.

PVC饰面 PVC finish



*以上饰面为汉尔姆部分饰面，其他饰面可根据客户要求订做。
The above is only a part of the finish, halumm can customize other finishes according to customer requirements.



halumm

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www.halumm.com



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