

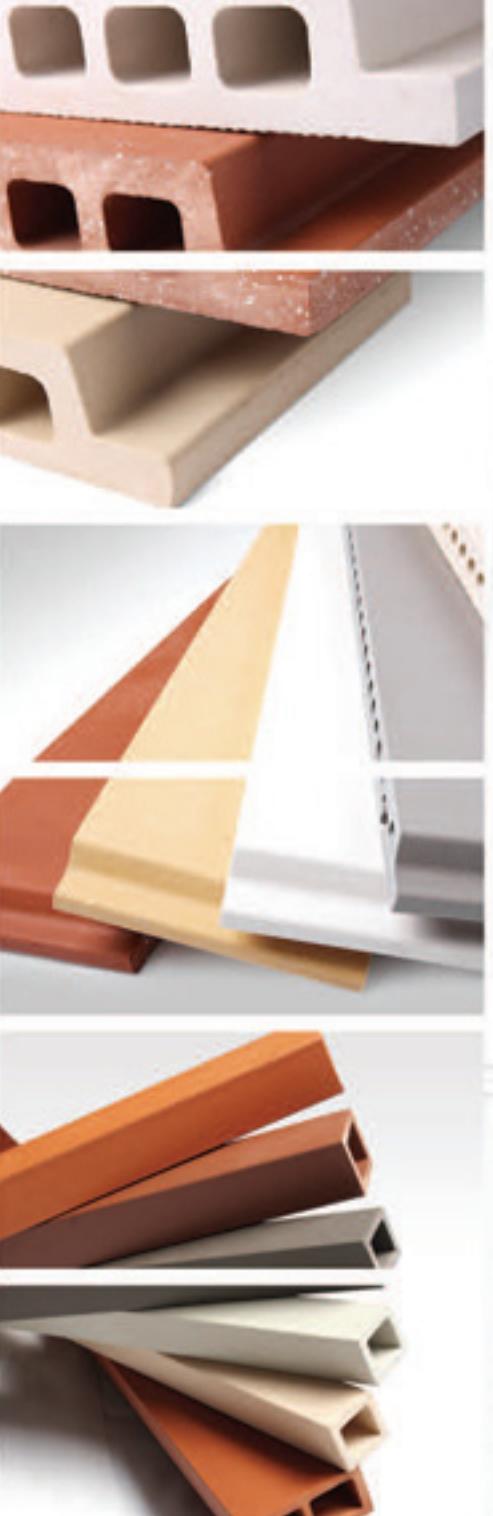


paneltek 伯陶科
los placas de terracota de tecnologia



江苏富陶科陶瓷有限公司
Jiangsu paneltek Ceramic Co., LTD.
中国江苏省宜兴市陶瓷工业园通盈路6号(丁蜀)
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陶板幕墙



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伯陶科

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伯陶科（中国）

伯陶科（中国）是江苏富陶科陶瓷有限公司的高端建筑陶土系列品牌，为2011年由西班牙陶瓷集团与宜兴本土“福记陶瓷”传承人在华创立，其生产基地坐落于中国陶都宜兴陶瓷工业园（紫砂发源地，紫砂村内）。

公司创立以来，始终将西班牙陶瓷的尖端工艺技术作为核心，并以欧盟产品的严格标准制造出达到世界一流水平的陶土系列产品。我们精益求精、追求卓越，使得每一款产品都以国际化的专业标准，完全达到欧洲本土建筑陶土产品的品质。

宜兴是中国的陶都，是紫砂的发源地，是制陶文化的中心，有着中国最好的紫砂陶土资源、技术人才及丰富的陶瓷文化底蕴；西班牙是世界顶级的建筑陶瓷生产技术及设计的摇篮；两者完美结合，孕育出伯陶科（中国）。

正因如此，伯陶科铸就了中国建筑艺术陶的最高品质。



Paneltek China

Paneltek China is the high-end terracotta series brand belonging to Jiangsu paneltek ceramics co., ltd. which established in China 2011 by Spanish ceramic group and Yixing local "Fu Ji Ceramics" inheritors. Our production base is located in Yixing Ceramic Industrial Park where is the purple clay birthplace.

Since its establishment, Paneltek always takes the advanced technology of Spanish ceramic as our core to produce world class terracotta products with strict EU standards. Keep improving and pursuit of excellence, pay focus and enthusiasm on every piece of terracotta to reach the EU Standard.

Yixing, "Chinese Ancient Ceramics City", is the source place of purple clay, the center of ceramics culture, own the super high quality of china clay; Spain is the cradle of the world top-level architectural ceramics in technology and design. The two combine perfectly -- Paneltek China.

Above all, Paneltek China creates the product of super quality in the architectural and artistic ceramics.

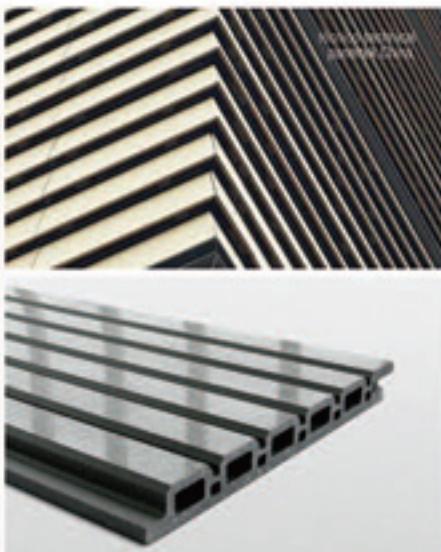
Colors & Surfaces 产品颜色与表面效果

丰富的色彩选择，永不褪色

伯陶科陶板提供丰富的色彩选择，基本涵盖了现代建筑对主流颜色的设计需求。色泽优雅，气质内敛而不张扬，使建筑更富艺术气息。

Colorfulness and Colorfastness

paneltek panels have a lot of colors to choose from, which can meet various needs of modern architecture. The elegant and reserved luster enriches the artistic color.



色系 Colors 印刷颜色与陶板实际颜色有差异，请以实物为准。

白色 White	红色 Red	黄色 Yellow	灰色 Gray	蓝色 Blue	绿色 Green	咖啡 Brown
0105	0003	0403	0618	0803	0202	0703
0106	0201	0421	0619	0802	0503	0704
0107	0202	0406	0607	0804	0504	0705
0108	0207A-6	0420	0616	0810		
0209		0413	0609			
0215		0417				

产品规格 Product Specification

• 陶板规格 [尺寸] 单位: mm

F18 长度范围为：300 ~ 1500

宽度可为：206, 306, 356, 406, 456, 506

F20 长度范围为：300 ~ 1500

宽度可为：206, 306, 406, 456, 506

F30 长度范围为：300 ~ 1500

宽度可为：210, 310, 460, 510, 610, 810

F40 长度范围为：600 ~ 1800

宽度可为：710, 810, 910, 1010

F80 板棍一体

• 异形陶板规格、颜色可按客户要求定做

• 陶棍 [立方陶] 单位: mm

长度范围为：300 ~ 1500

方形：50×50, 50×100, 50×150, 50×200, 60×60, 60×60,

60×100, 60×150, 70×70, 70×100, 80×80, 80×100,

80×160, 80×200, 90×90, 90×120, 100×200,...

圆形：

Φ50, Φ60, Φ70, Φ80, Φ90,...

棱形：

85×40, 180×35, 188×50,...

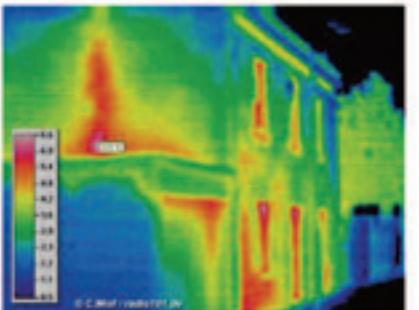
梭形、棱形、四边形、椭圆形、三角形 - ...

• 陶砖规格 [尺寸] 单位: mm

230×70×60, 230×115×40, 230×50×20, 600×100×90,...

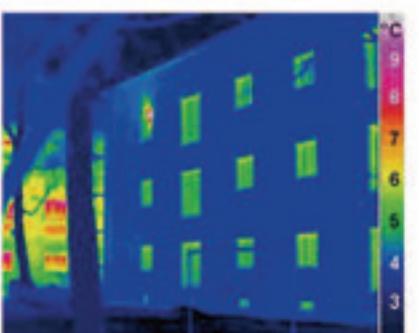
Product Advantages

产品优势



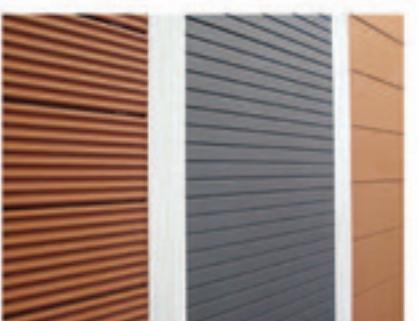
节能建筑的倡导者

独特的呼吸式幕墙，中空设计，减轻建筑结构系统负荷，并具有很好的隔热性、保温性，更具隔音降噪的功能，提高建筑的经济节能性。



颜色丰富，形状多变，质感强

产品颜色丰富持久，色差小、质感强，更具亲和力，并且提供多种形状，立体感强，更具艺术气息，全方位满足设计要求。



超低吸水率，强度高，性能更出众

比普通陶土板吸水率更低，强度高、安全性高、抗风压高、抗冻性高、抗污染、抗腐蚀。



欧盟DIT、CE认证，安全性更高

经实验分析，通过欧盟 DIT 和 CE 技术认证，品质优良，陶板抗风压大于 11kPa，最大风吸承受能力为时速 404km。

天然原料，高温烧制

采用高品质纯天然原料高温烧制而成，内外一致永不褪色，色差小；稳定性高，不会爆裂；无辐射，无光污染；对信号无干扰。

安装方便，建筑维护更轻松

独特的接缝设计，无需打胶，安装更清洁、方便、快捷；使用更安全：天然原料金属含量低，不产生静电，不易吸附灰尘，雨水冲刷即可自洁。



Advocate for Energy-efficient Building Materials

The panels are the only ventilated facade piece that can combine the advantages of extruded terracotta panels and pressed porcelain panels. We strongly promote Ecology and sustainable development in all our production procedures.

Excellence Production Technology and Environmental Protection

The hollow body design enable the panel to reduce its own weight and the added weight to the facade and fixing system, it has certain function for insulation, energy-saving, will help improve the economic effect and comfort of buildings.

Natural Material with High Temperature Firing

The panels use high quality material with much higher temperature firing than other similar products. It has slight color difference as full-body material. No radioactivity and light-pollution nor explosion when it applied on the buildings.

Easy maintenance.

Lower chance of static electricity, dust attached to the buildings. Low maintenance cost as the glass curtain wall.

Simple but Safety Installation with DIT European Certification

Unique joint design without mucilage. Convenient and safety installation. Paneltex panels are certified with DIT and CE.

Extremely low water absorption, Outstanding performance

Water absorption is much lower than the similar products, provide safer guarantee to the buildings with higher breaking modulus, resistant to pollution and corrosion, high wind speed pressure and other properties such as frost resistance.

Provide an endless options for Architects' innovation and creativity

The panel has wide variety range, and long lasting color. We strictly control the color difference and also motivated to develop more shapes and color in order to achieve the authentic yet close to reality feelings from the architects.

Terracotta Panels 陶板

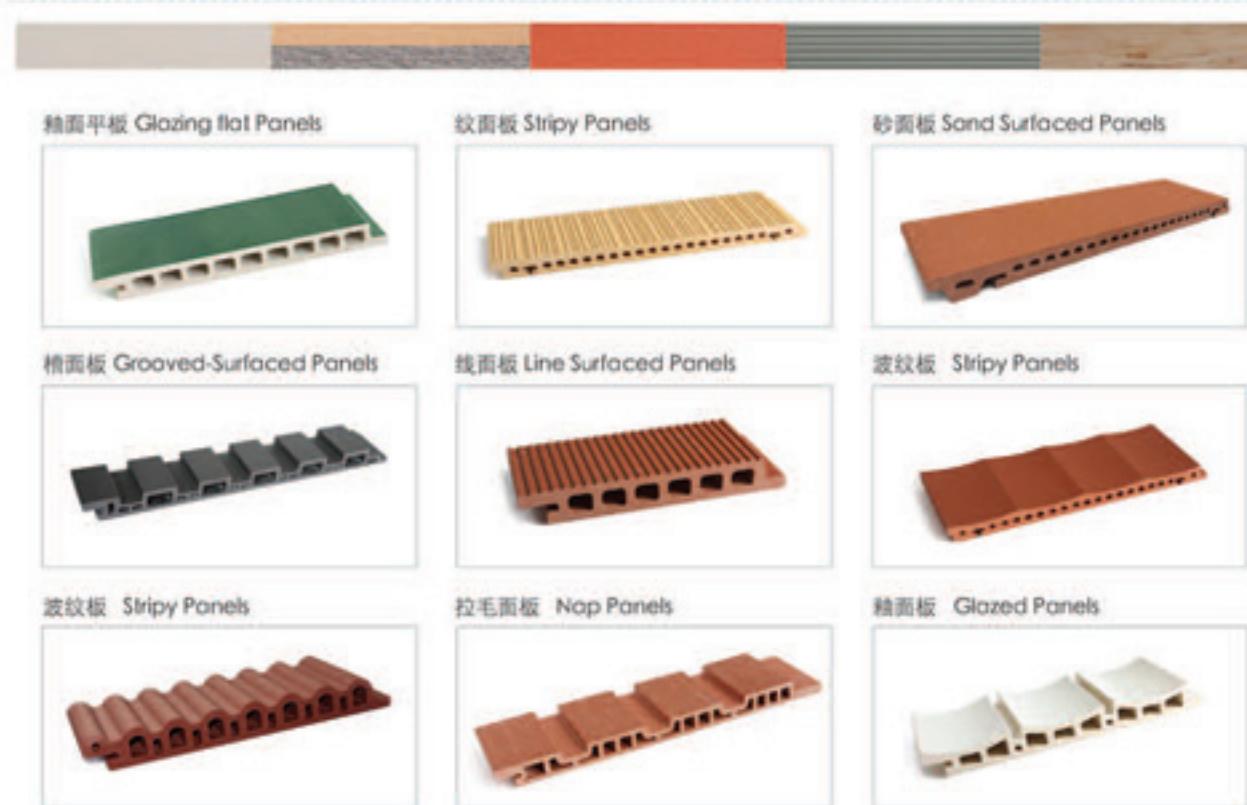
多种板型及规格自由搭配，彰显超群设计风格

伯陶科陶板提供自然面板、砂面板、槽面板、陶百叶等多种产品选择，规格尺寸齐全，通过选用不同的产品组合，以达到冲击性的视觉效果。

| 各类板型 Many types of panel



| 多种表面处理效果 Many kinds of surface treatment effect



| 异形陶系列 Special Cladding

异形板 Special Panels



异形板 Special Panels



异形板 Special Panels



异形板 Special Panels



异形板 Special Panels



异形板 Special Panels



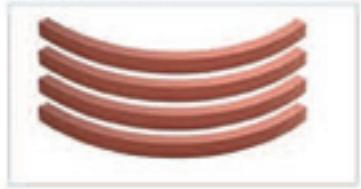
异形板 (转角板) Corner Panels



异形板 Special Panels



弧形柱 Arc Stick



异形板 Special Panels



异形板 Special Panels



弧形板 Arc Panels



异形板 Special Panels



异形板 Special Panels



异形板 Special Panels



| 陶砖系列 Ceramic tiles

陶砖 (三孔) Ceramic tiles



陶砖 Ceramic tiles



陶砖 Ceramic tiles



陶砖 Ceramic tiles



陶砖 Ceramic tiles



陶砖 Ceramic tiles

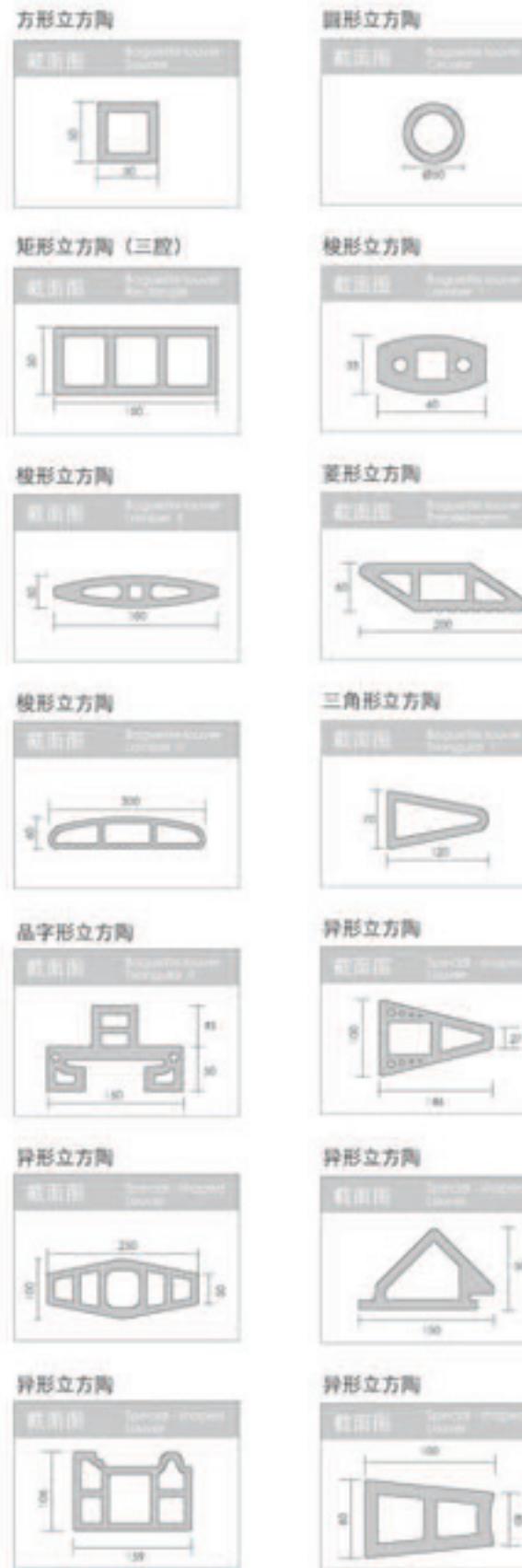
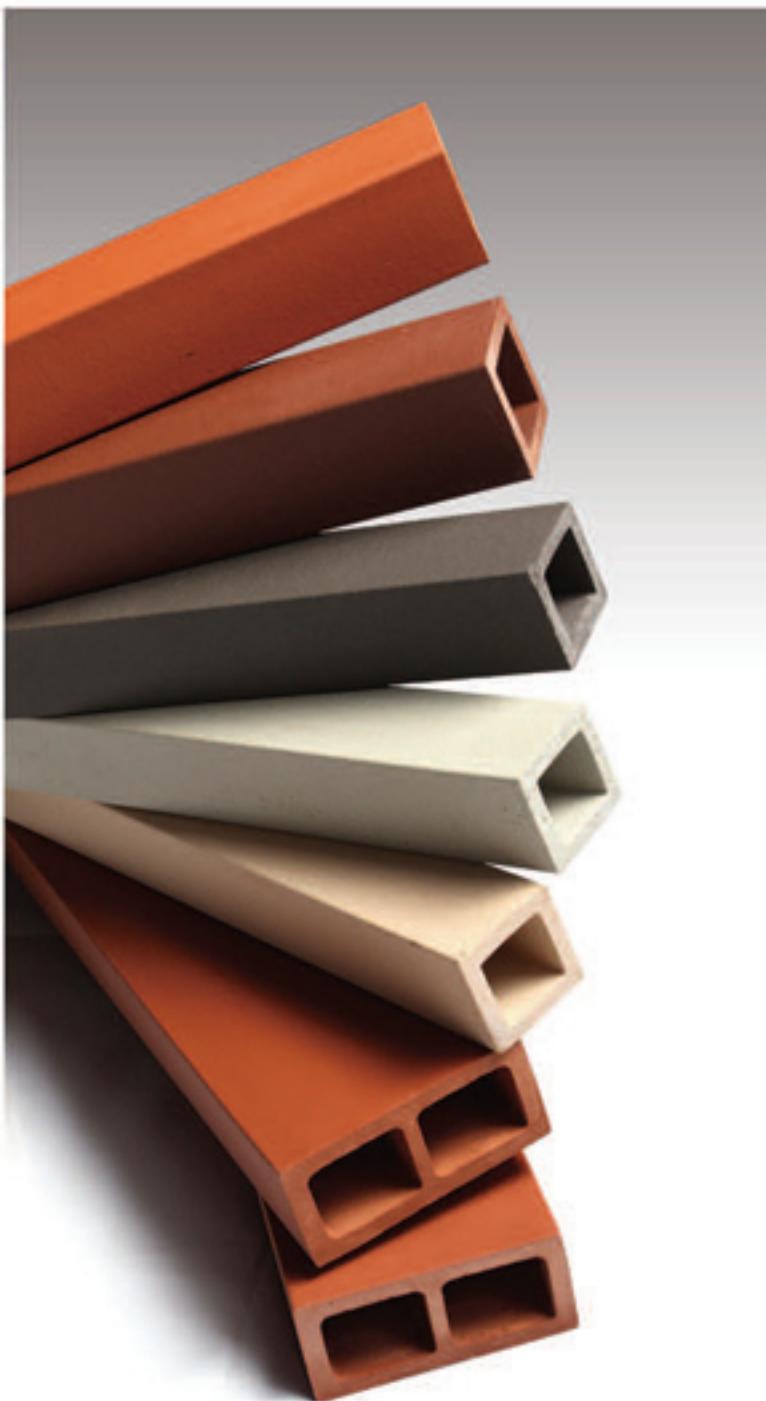


Terracotta Louver 立方陶

多种类型立方陶 Many types of louver

立方陶安装在玻璃幕墙或铝合金窗外侧，可以满足建筑幕墙的使用及外观装饰需要，还可以应用于大空间的室内，如办公大楼、候车大厅、影剧院等。

Louvers can be applied in a lot of ways, attached to glass curtain wall, or the aluminum windows and etc. Depending on the need of functions and decoration, it also can be used in indoor space, such as office building, bus station and theaters.



Application 应用

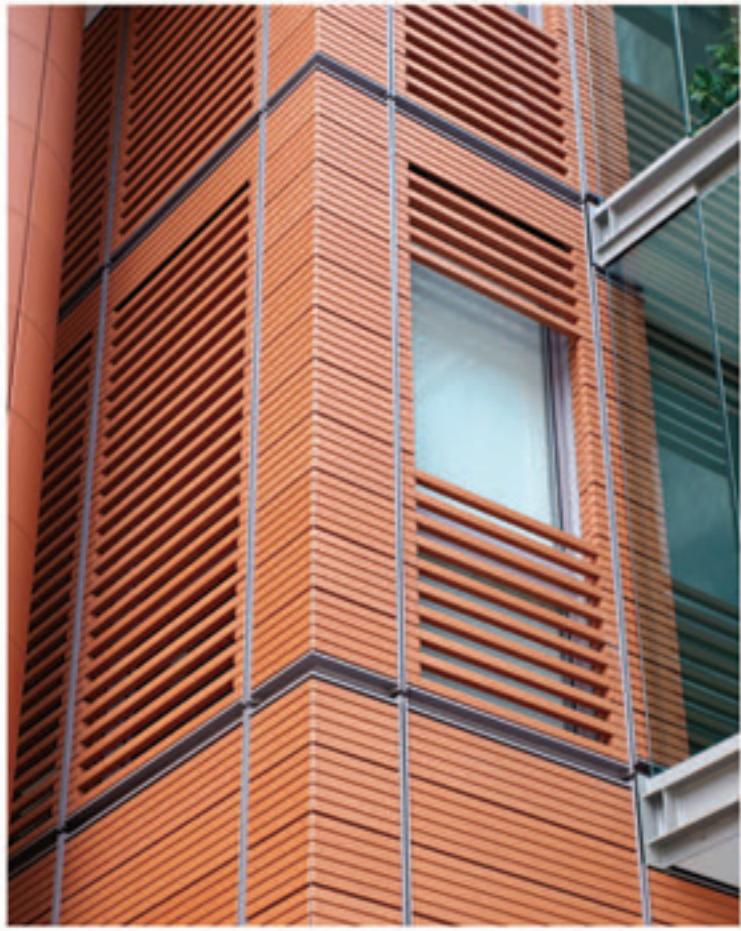
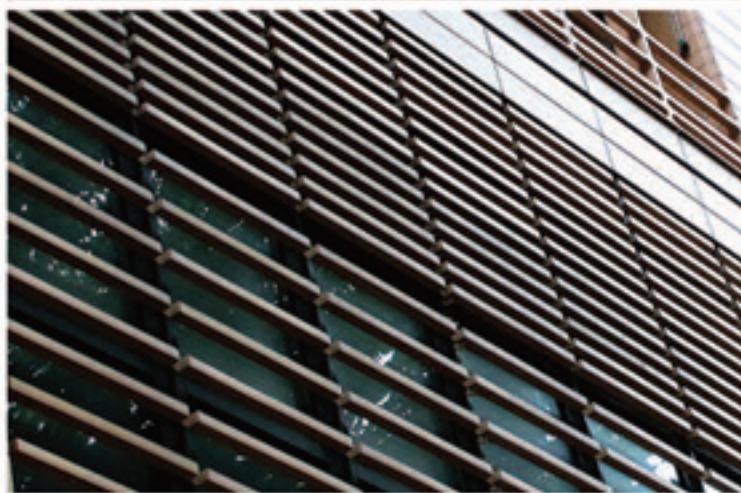
为生活筑起亲切的自然空间

没有多余的装饰，或者张扬的色彩，灵动自然，跳跃出空间的新感受。透过窗外看那动人的景色，形成和谐的景观感与空间感，精心演绎自然与空间的完美交融。

- Building solution for life.

The perfect mix and match with glass and ceramic panels, create a harmonious sense of the landscape and space, interpret the marvelous blend of nature and space.





Application 应用

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工程案例 上海万得WIND资讯总部大厦—中国上海

Application 应用

当彻底舍弃对内在的揣测，只将外在演绎到极致，形式已然上升为一种意义。正是以时尚经典的形式美感来诠释“酷”的内涵，传递出一种追逐的前沿、洒脱不羁的审美态度。



工程案例 顶新国际商务广场 - 中国上海



When completely discarded in the internal speculation, only the external interpretation to the extreme, already rising as a form of meaning. It is the classic form of beauty to fashion to interpret the "cool" connotation, conveys a chase in the forefront of the aesthetic joy and uninhibited attitude.



工程案例 日本田边三菱制药新本社 - 日本大阪

一种空间，一种生活。

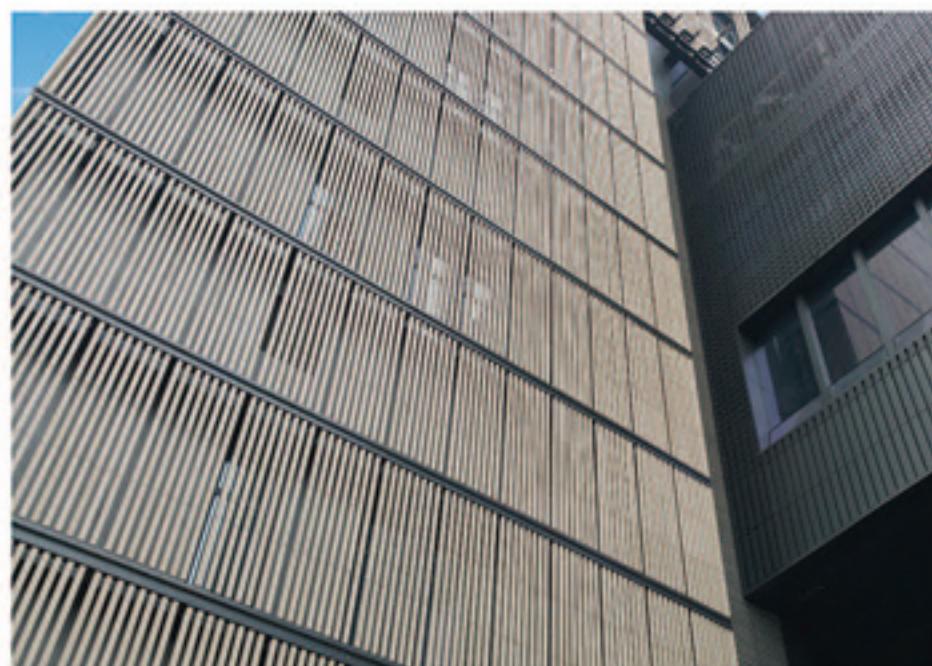
当现代的生活成为不同空间的穿梭，空间的精彩也即成为丰富生活的一部分，建筑的传承，文化的脉络，空间因文化而精彩，生活因空间而丰富。

• One Space, One Life.

When our life has turned into shuttling in different spaces, home, office, shopping mall, the difference of spaces become part of our lives. Spaces become attractive because the design has added life; our lives become interesting because the spaces have offered joys.



Application 应用



工程案例 广州市城市规划展览中心 - 中国广东

• 高质量的产品源于对每一个细节的用心。我们的每一个产品都蕴含着我们的热情与专业。我们专注于对产品的细枝末节的推敲，更专注于不断创新的技术。

• High quality products based on the devotion in every detail, every piece of our products have included all of our passion and profession. We are focused on every detail of our products and advanced our technology.

经典品位 自然写意

传承纯正西班牙血统，以登峰造极的工艺，打造力臻完美的产品来表现经典建筑的艺术典范，成就都市空间的装饰经典。

古朴典雅，于不经意间，营造赏心悦目的视觉效果。

• Classical grade natural

Pure of Spanish ancestry, in order to reach the limit of technology, make force attain perfect products to classical architecture art performance model, the adornment of urban space achievements classic.

Simple design, in casually create dramatic visual effects.



工程案例 赫玛仕杭州旗舰店 - 中国浙江



工程案例 成都文广中心 - 中国四川



工程案例 武汉南国中心 - 中国湖北



Application 应用

脱于尘俗的超然境界

自然的艺术经科技的雕琢还原千年造化的神韵，让蕴含岁月磨砺的壮美的空间里蔓延。建筑也因此多了时光的深度，生活变的内涵丰富.....

• Take off from mundanity of transcendence

Natural arts restore verve of millennial ages through carving of technology make splendor which contains anneal of ages spread over the space;building undertake more profundity of time,life become connotation-abundant.



Application 应用



信手拈来 经典就在眼前

朴实、素雅是我们一贯的风格，随性而不做作，我们喜欢随着真性情去发现，一种美丽的简单流露，纯粹而无遮，虽经历岁月的洗礼，但雅致而依旧、简洁依然。体会，自然要是与众不同的.....

• Classic for you

We never stop chasing for Simplicity and elegance. The beauty of panelitek panels is pure and natural, after ages has passed, the elegance will stay and the pure will remain. The differences need to be experienced then to be appreciated.



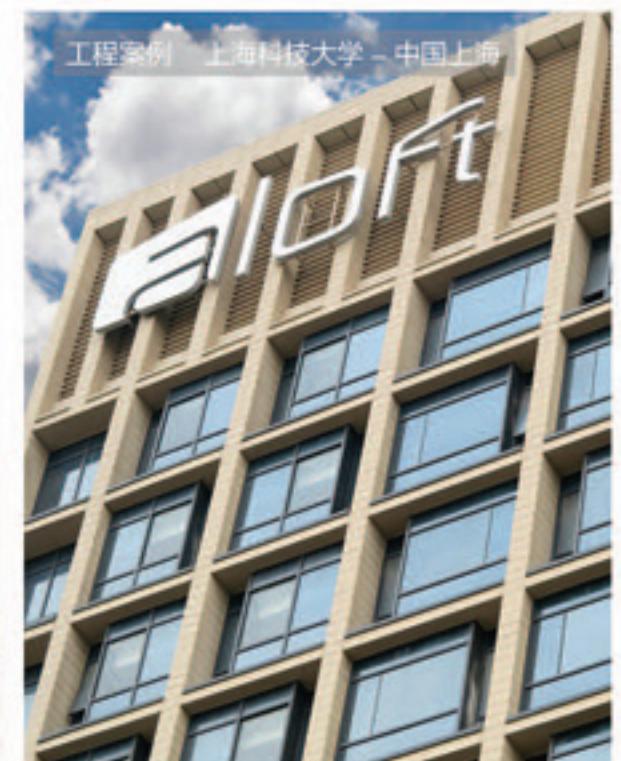
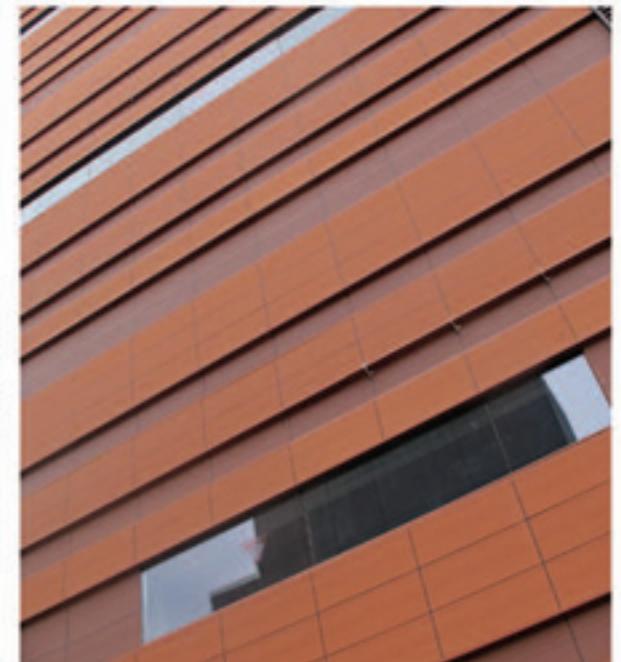
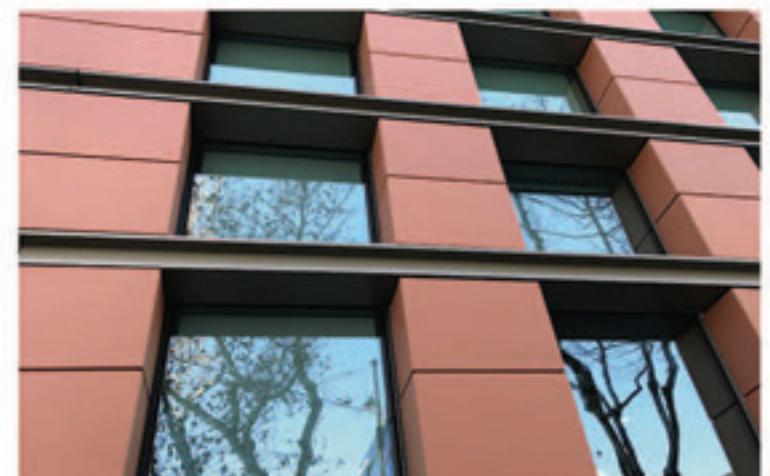
Application 应用

洒脱的设计理念

在经典艺术长河里探寻，并从中萃取灵感，伯陶科从诞生之始，就坚持与品位同行，与优雅同行，与经典艺术同行。从欧洲发源，将建筑艺术奉献给中国消费者，是伯陶科陶板一直所坚持的使命。

• Free and easy design concepts

Since the date of paneltek was created, we have devoted ourselves into searching for the perfect combination of art, classic with industrial products. Orientated from Europe, paneltek will be present the unique and the best quality products to all the Chinese consumers.



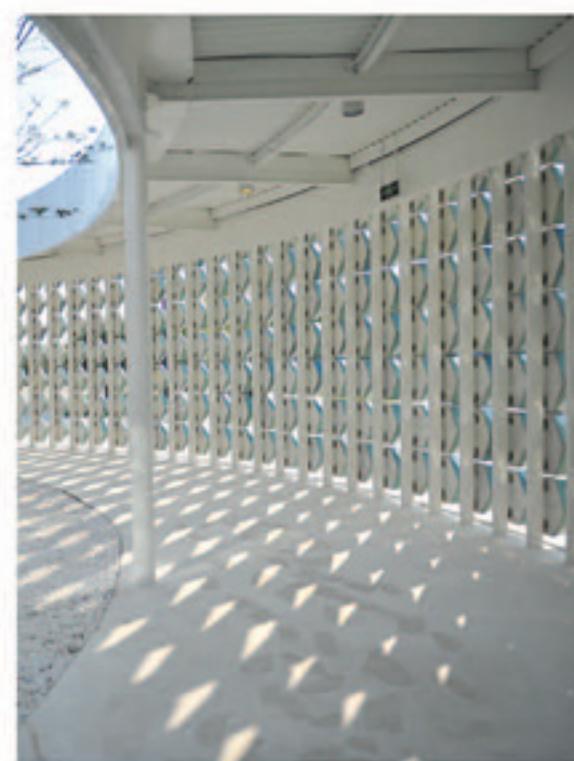
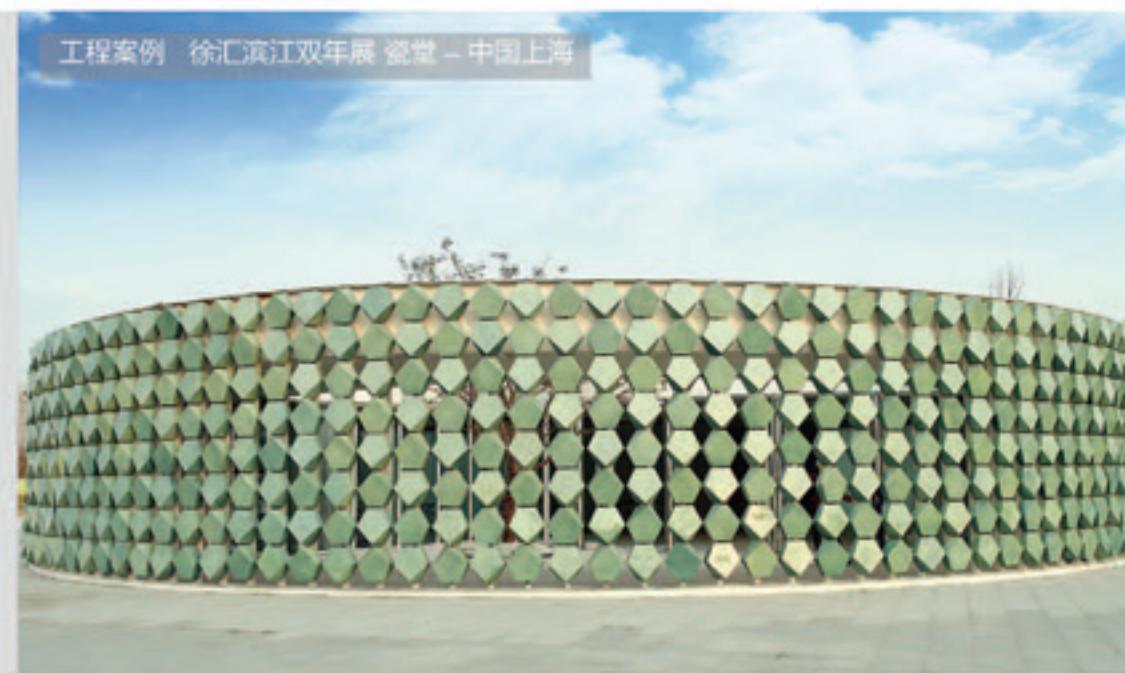
Application 应用

摈弃奢华，安于淳朴……

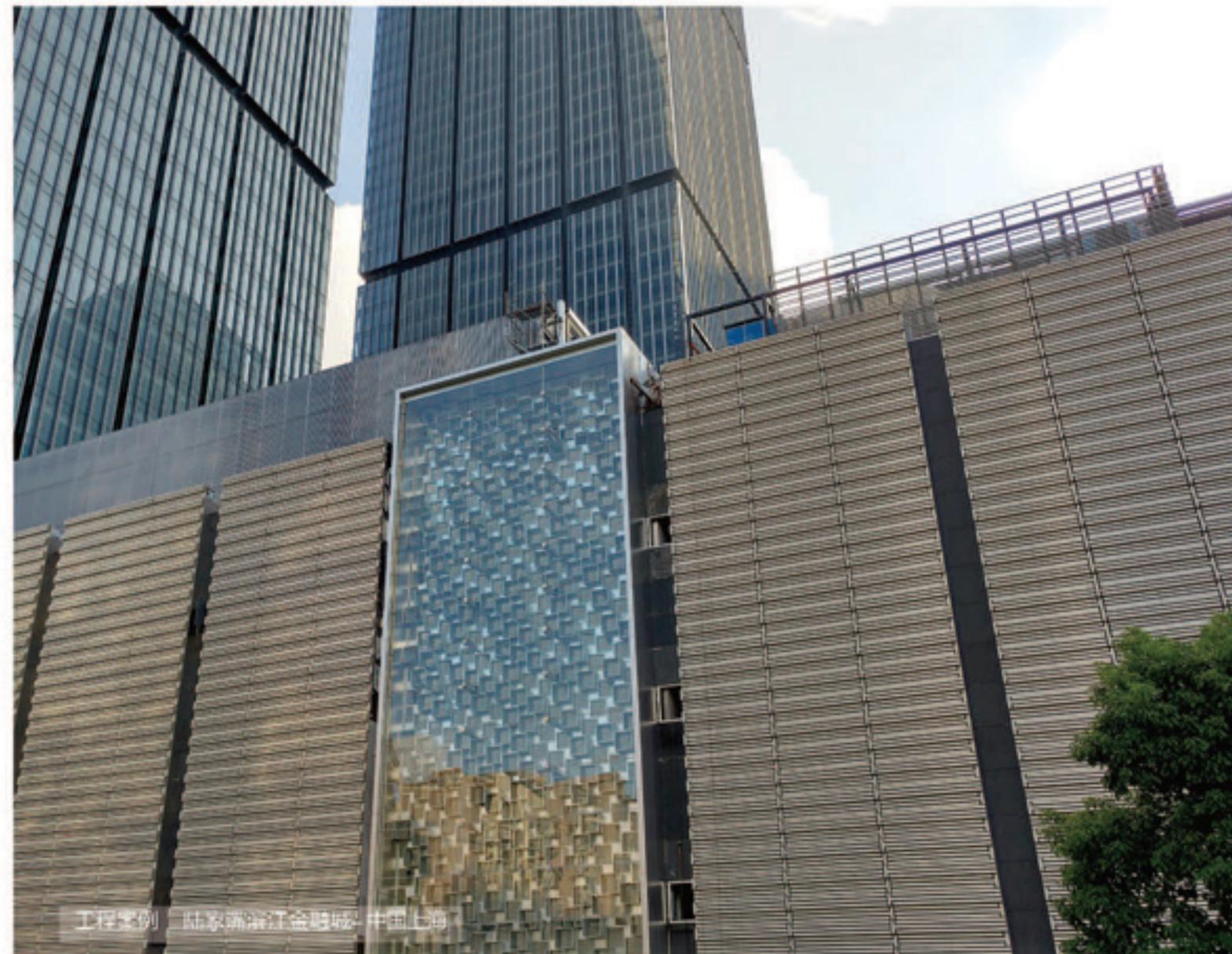
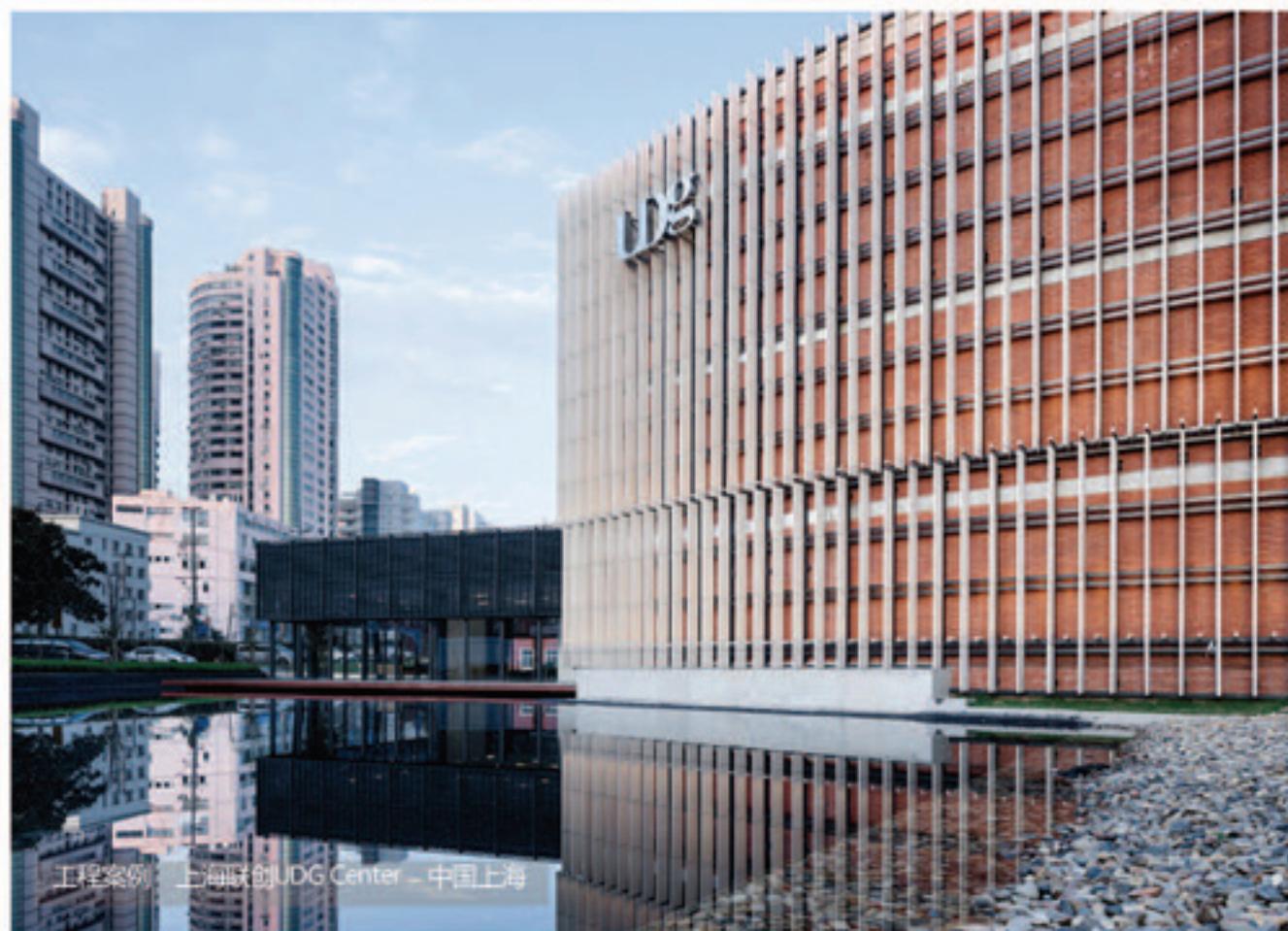
以深沉、浓重渲染出温暖的格调，以清新、亮丽衬托出简约丰富的内涵，色彩的对立融合出古典自然与时尚现代兼得的生活品位。

• Devoid of costly, content with a simple

Playing up warm pattern through concealing and thickness, setting off simple but abundant connotation through refreshment and magnificence; contrast of colors compounds life taste both with classics&nature and fashion&modernization.



Application 应用



工程案例：陆家嘴滨江金融城 - 中国上海

阐释自然与人文的互动……

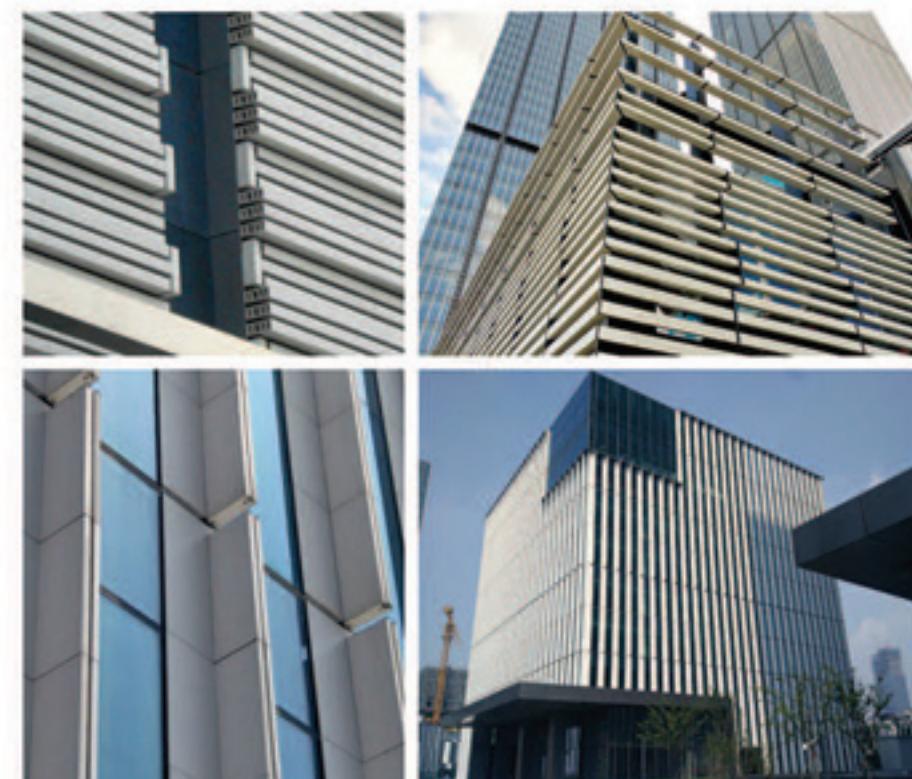
禅意的色调，为建筑空间勾勒出朴素的容颜。宁静的生活空间，丰富而简单的现代设计，穿行于岁月之中，让建筑充满生命力。

当你在流光异彩中迷失了双眼，你会发现，原来的质朴也将给你带去更深的触动。

- The integration between nature and culture

The color of Zen sketches out a simple frame or living space. Peaceful and concised modern design shuttling in the years make decoration full of life.

When you are lost in a riot of colors, only Zen sketches can touch your heart.



Application 应用

人本之美，完美追求……

一群不断挑战自我，不断超越，激情澎湃的建陶人。一个矢志塑造行业领袖品牌的团队。巅峰是一种追求，一种执着，但永远不是伯陶科人止步的地方。

•The beauty of the humanistic pursuit perfect

A group of people who full of passion willing to challenge themselves , continue to exceed. A team who aim to create the leader brand in the industry. Paneltek will never stop to pursue a better tomorrow.



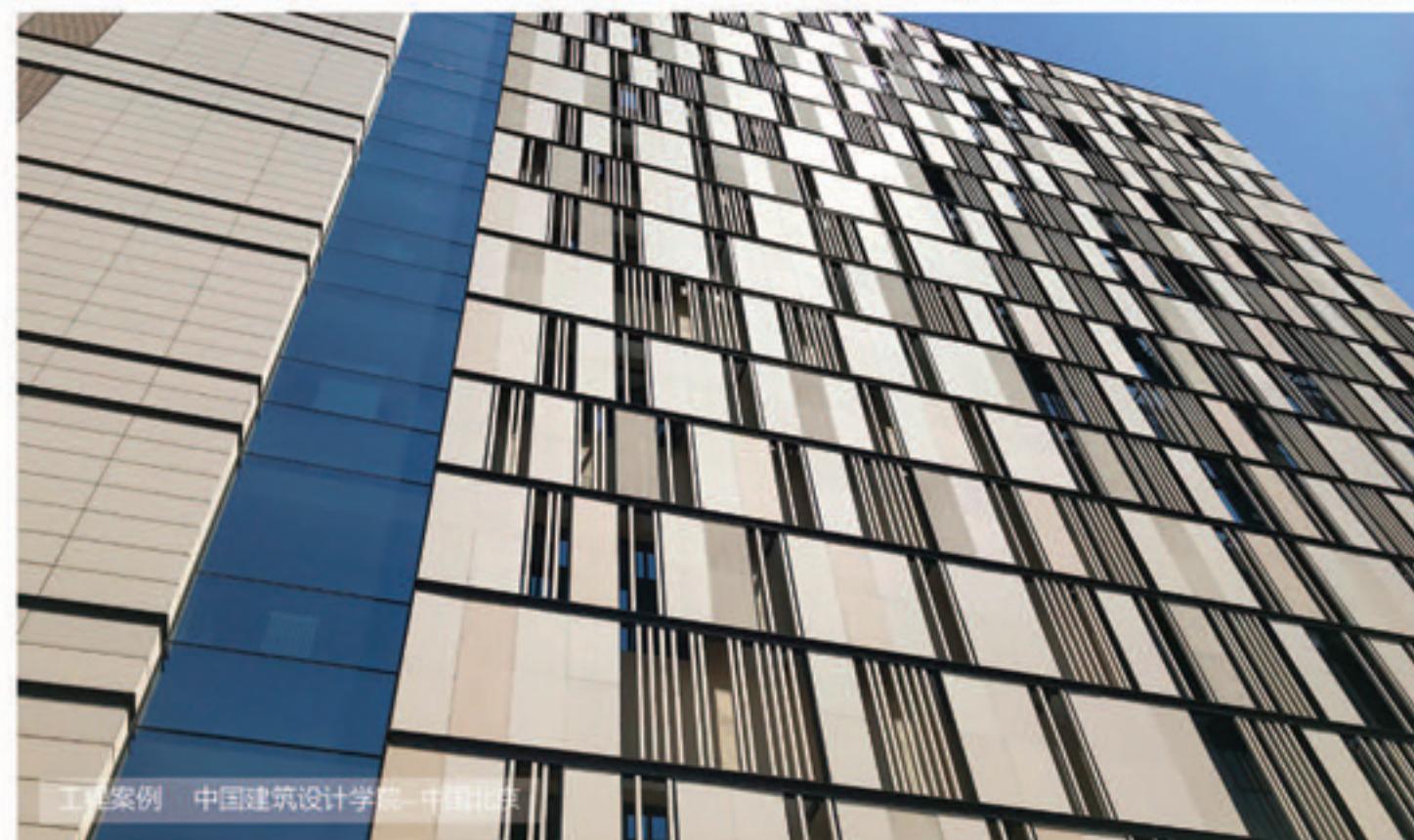
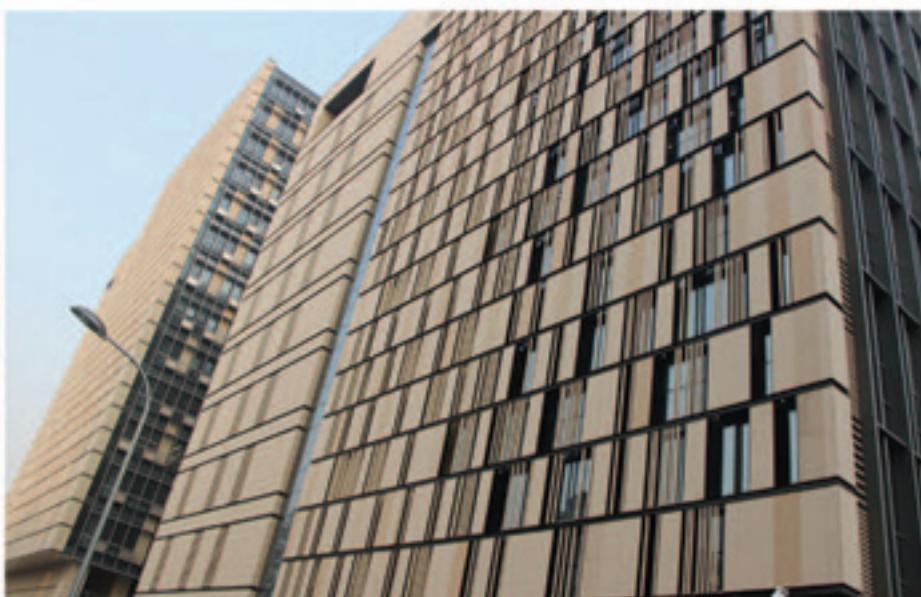
Application 应用

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•The beauty of the humanistic pursuit perfect

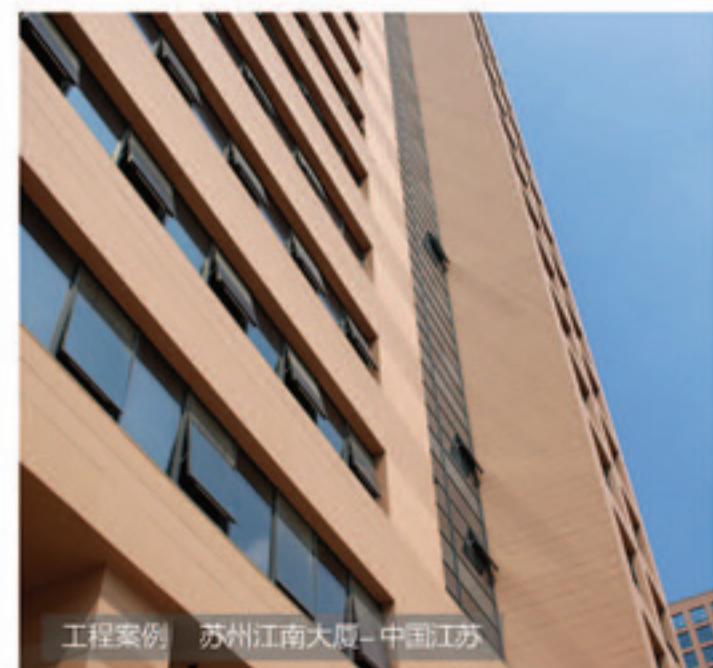
A group of people who full of passion willing to challenge themselves , continue to exceed. A team who aim to create the leader brand in the industry. Paneltek will never stop to pursue a better tomorrow.



工程案例 宁波城市展览馆-中国浙江



工程案例 上海恒隆广场 - 中国上海



工程案例 苏州江南大廈 - 中国江苏



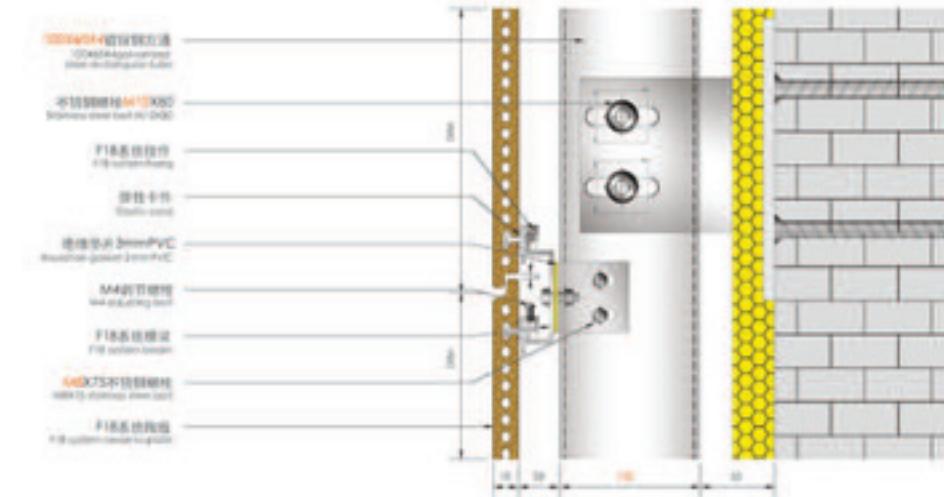
工程案例 山东荣成第一中学 - 中国山东



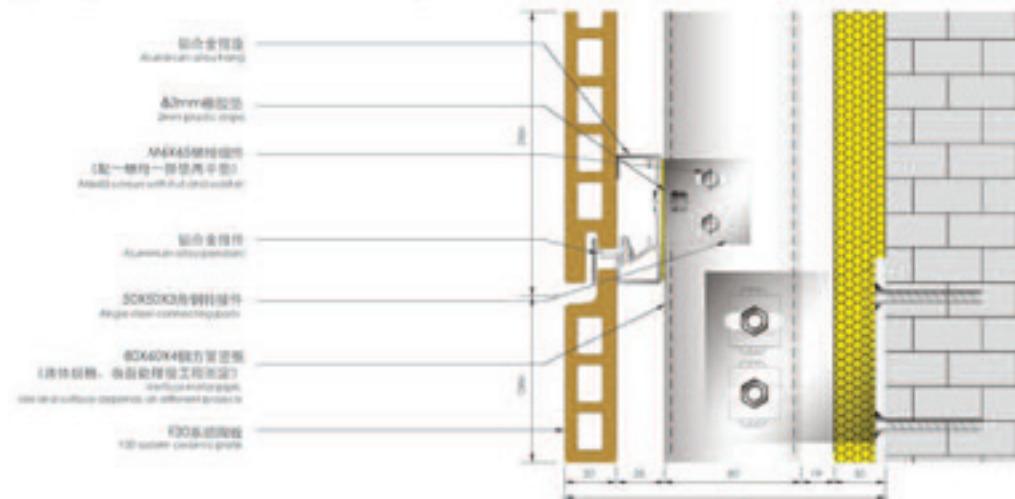
工程案例 石家庄新市政府大楼 - 中国河北

Installation details 安装节点图

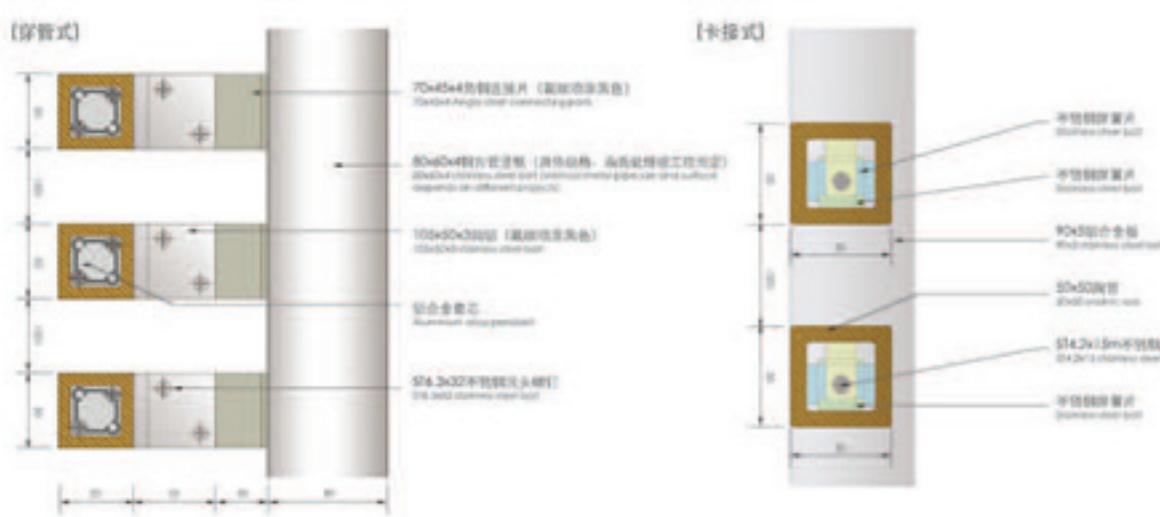
伯陶科F18竖剖节点图 / paneltek F18 vertical plan



伯陶科F30竖剖节点图 / paneltek F30 vertical plan

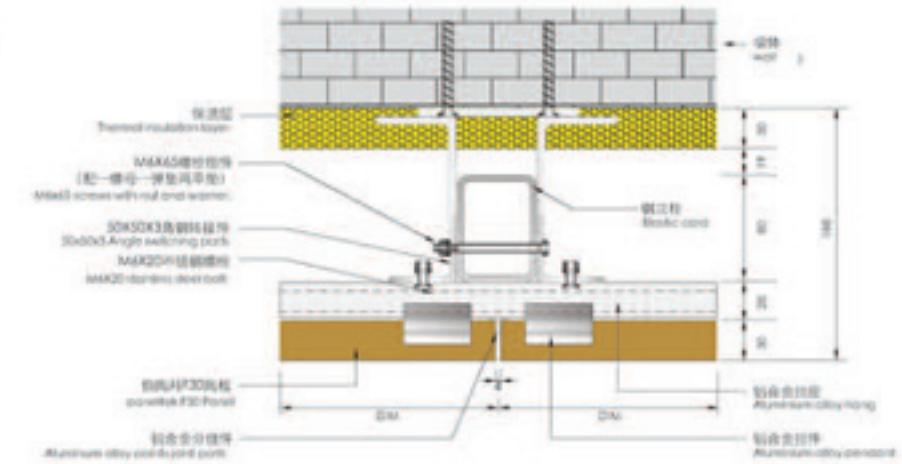


伯陶科方管横剖节点图 / paneltek square tube horizontal plan

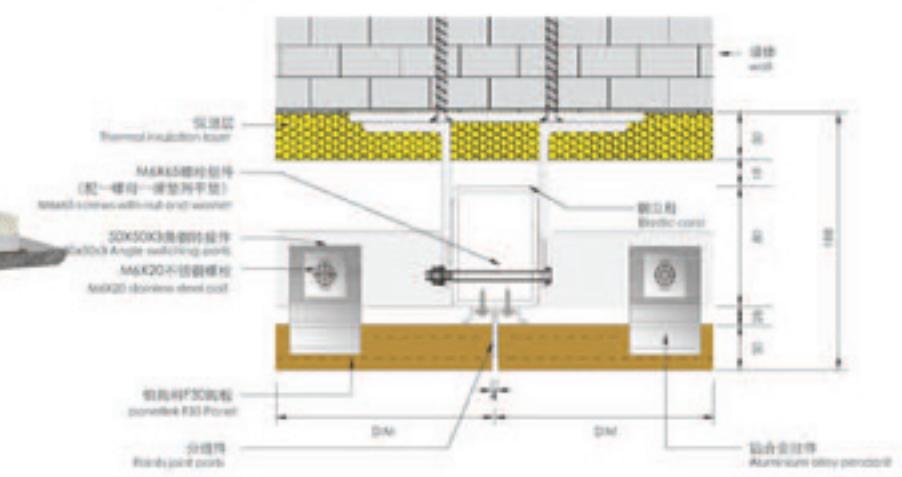


Installation drawing 安装示意图

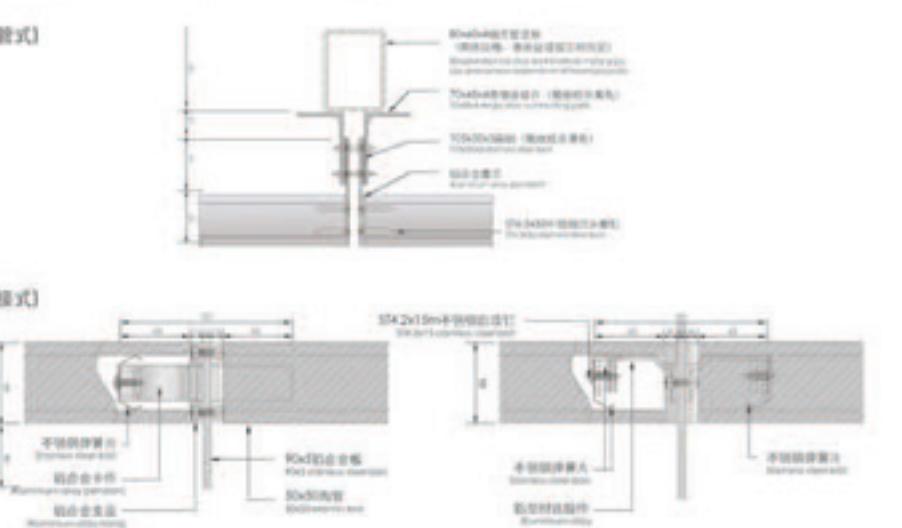
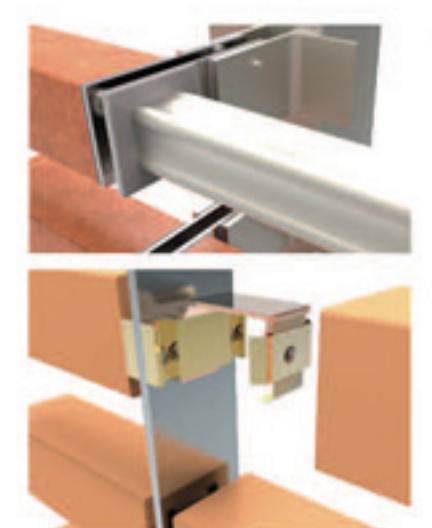
伯陶科F18安装示意图 / paneltek F18 installation drawing



伯陶科F30安装示意图 / paneltek F30 installation drawing

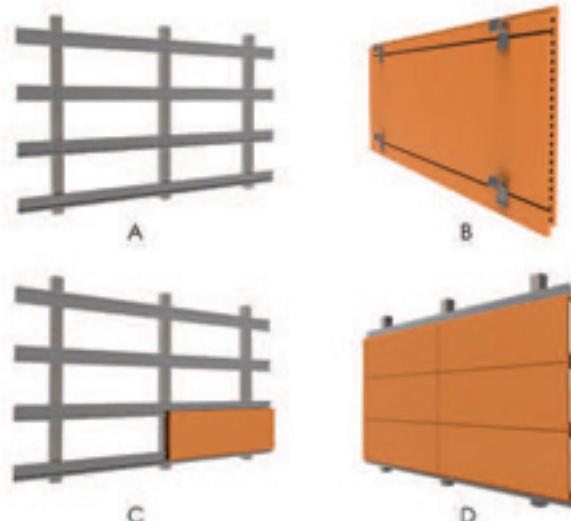


伯陶科50陶管安装示意图 / paneltek square tube installation drawing



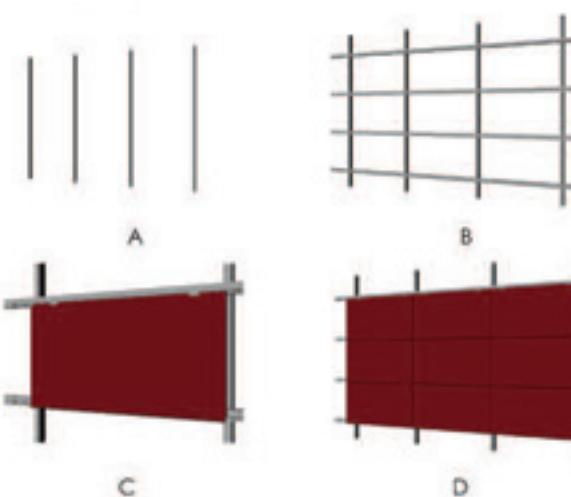
Installation steps 安装步骤图

伯陶科F18安装步骤图(通长) / paneltek F18 installation drawing (with rail)



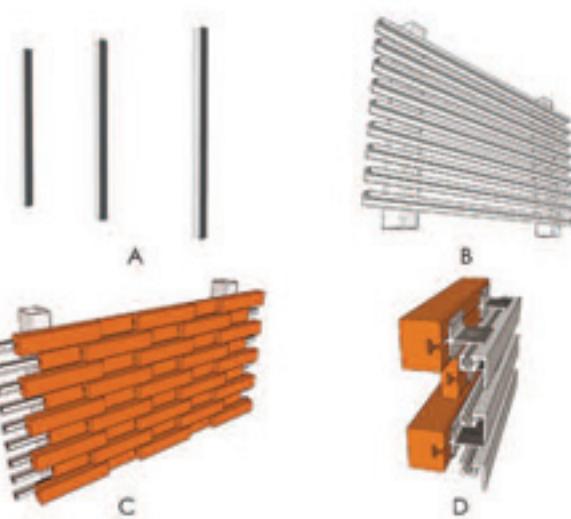
- 100x60x4mm方管连接件
[具体规格、表面处理视工程而定]
Vertical metal pipe
see dim. surface depends on different projects
- F18系统挂架
F18 system bracket
- 铝合金挂座
Aluminum hanger pieces
- 3mm膨胀螺栓
3mm plastic胀螺栓
- M4膨胀螺母
M4膨胀螺母
- F18内膨胀螺母
F18 internal expanding nut
- 螺丝片
Screws
- M8X70不锈钢膨胀螺栓
M8X70 stainless steel bolt

伯陶科F30安装步骤图(有横梁) / paneltek F30 installation drawing (with rail)



- 铝合金挂座
Aluminum hanger pieces
- 铝合金方槽片
Aluminum alloy square plate
- 塑料膨胀螺栓
Plastic expanding screw

伯陶科陶砖安装步骤图 / paneltek ceramic tile installation drawing



- 铝合金模压片
Aluminum Alloy transversal
- 铝合金挂座
Aluminum hanger pieces
- 螺丝
Screws

paneltek China

伯陶科 · 中国

TECHNOLOGY INDEX 产品检测技术指标

性能指标 Performance index	306°F18 WHITE 306°F18 白色	306°F18 GRAY 306°F18灰色	310°F30YELLOW 310°F30黄色
吸水率 Bibulous rate	3.8%	2.6%	5.0%
干燥重量 Dry weight	31Kg/m ²	31Kg/m ²	41Kg/m ²
抗冻性 Frost resistance	经100次循环冻融后无裂	经100次循环冻融后无裂	经100次循环冻融后无裂
破坏强度 Damage strength	4966N	4779N	8722N
断裂模数 Rupture modulus	平均值: 97MPa, 最少值: 86MPa	平均值: 59.36MPa, 最少值: >50MPa	平均值: 92.43MPa, 最少值: >80MPa
泊松比 Poisson's ratio	0.16	0.16	0.16
弹性模量 Elastic modulus	44GPa	34GPa	34GPa
防火性能 Fire performance	A1级	A1级	A1级
耐酸碱性 Acid and alkali	ULA级	ULA级	ULA级
放射性 radioactive	A类装修材料	A类装修材料	A类装修材料
抗震性 Vibrate resistance	超过10度设防	超过10度设防	超过10度设防
模拟风压试验 Simulation wind pressure test	达到11kPa无破坏	达到11kPa无破坏	达到11kPa无破坏
隔声性能 Sound insulation performance	减少噪音9dB以上	减少噪音9dB以上	减少噪音9dB以上
导热系数 Coefficient of thermal conductivity	0.31w/m.k	0.31w/m.k	0.41w/m.k
抗热震性 Thermal shock resistance	经50次循环热震后 无炸裂及裂纹	经50次循环热震后 无炸裂及裂纹	经50次循环热震后 无炸裂及裂纹
耐污染性 Resistance to polluting	2级	2级	2级
抗冲击性 Impact resistance	0.78	0.78	0.78
线性热膨胀系数 Linear coefficient of thermal expansion	$5.2 \times 10^{-6}^{\circ}\text{C}^{-1}$	$5.6 \times 10^{-6}^{\circ}\text{C}^{-1}$	$5.6 \times 10^{-6}^{\circ}\text{C}^{-1}$