



THERMO SIDING

HIGH PERFORMANCE THERMO-INSULATION SIDING



色彩丰富



保温降噪



经久耐用



轻质抗震



爱吉姆金属雕花板



易于清洁



安装简单



花型多样



节能降耗

优良的保温隔热性 Good Thermal Insulation Performance

爱吉姆金属雕花保温装饰一体板使用了隔热性能优异的硬质发泡聚氨酯填充材料，和其它外墙材料比起来具有更为优越的保温、隔热性能，高隔热性不仅可以降低空调暖气费用，而且由于节约能耗，能够减少 CO2 的排放。

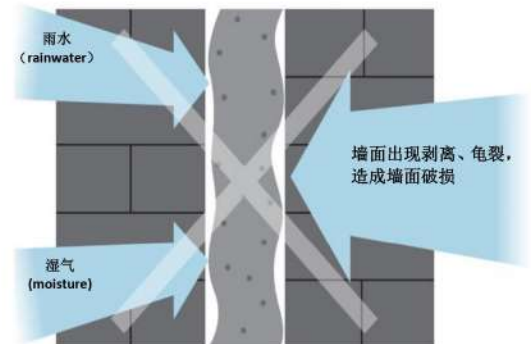
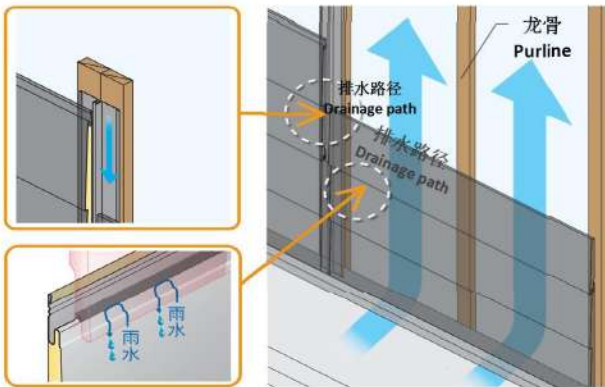
Instead of the other exterior materials, Thermo Siding uses rigidly foamed polyurethane filler with excellent thermal insulation as the intermediate layer. This high thermal insulation not only reduces air-conditioning and heating expenses, but also decreases CO2 emissions.

防水&通气 Waterproofing & Ventilation

插口式的板材连接方法，形成了结合在一起的形状构造，防止雨水的侵入。特殊的安装方式，独特的空气层可以有效调节墙体湿度，有效避免室内潮湿发霉等现象的发生。同时由于金属雕花板安装于建筑物维护结构外侧，可以有效避免风吹日晒及雨雪天气等自然气候因素对建筑造成的结构性破坏，从而极大地延长建筑的使用寿命。

The socket connecting method allows the panels to form an integrated structure, preventing rainfall and other water sources from invading. This structure also improves durability of the house by providing exterior ventilation.

一般水泥混凝土墙面问题
(problem of Cement Mortar wall)



抗震性能好 Good Seismic Performance

当地震发生的时候，建筑物自身的负重能力会降低，由于爱吉姆金属雕花保温一体板属于轻质墙体材料，每平米自重仅为 3.7 kg，所以不用担心会有墙体脱落的危险发生。

In the case of an earthquake, the building's weight-bearing capacity will decrease, which is dangerous for buildings made with heavy materials. Manufactured with a light-weight material (3.7 kg/SQM), Panels avoid this wall-falling issue.

■ 大幅消减地震力

Significant Reduction in Seismic Force

爱吉姆的轻质化的金属雕花装饰保温一体板产品，不仅能有效降低建筑物的自重，而且能大幅度减小地震时建筑物的摆动幅度。此外，建筑物的承重柱子和承重梁等主体结构的负担也会减轻。

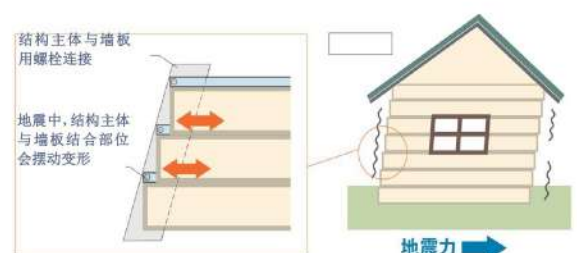
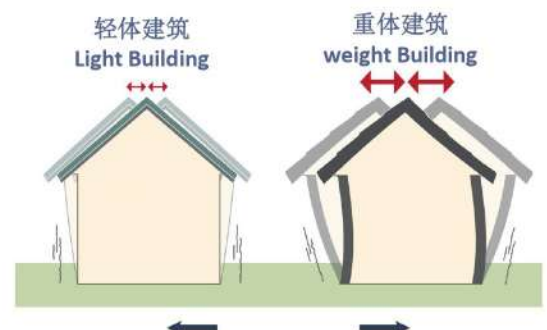
Sandwich Panel can not only effectively reduce the overall weight of the building, but also reduce the building's swing effect during an earthquake, thanks to its light-weight materials.

■ 独特的安装方法，防止脱落

Unique Installing method to prevent falling off

爱吉姆的轻质化的金属雕花装饰保温一体板每一片都用螺栓固定在结构龙骨上，当地震时，墙板会随着架构主体一起轻微摆动，因此，不会发生墙体脱落和破坏现象。

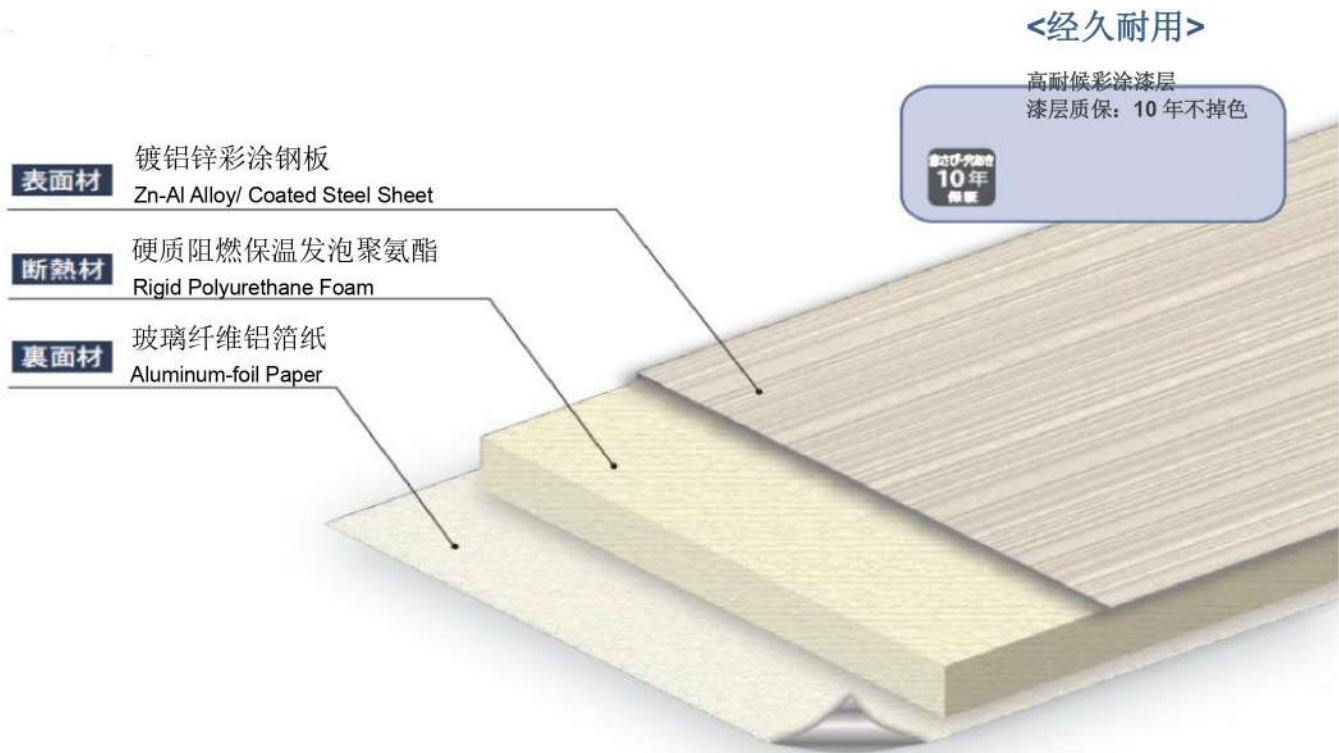
Each piece of sandwich panel is bolted to the structure keel. In the case of an earthquake, the panel will swing less along with the main body of the structure, reducing the risk of wall-falling.



PU 金属墙板 PU Sandwich Wall Panel

爱吉姆聚氨酯金属雕花外墙装饰保温一体板由三部分构成：表面材料采用经过特殊工艺处理的镀铝锌钢板，中间保温材料为硬质发泡聚氨酯，底部材料为起保护作用的玻璃纤维铝箔纸。

polyurethane metal carved exterior wall is composed of three parts: the surface material is made of galvanized (zinc) steel plate with special process, the middle insulation material is rigid polyurethane foam, and the inner material is glass fiber aluminum foil paper for protection.

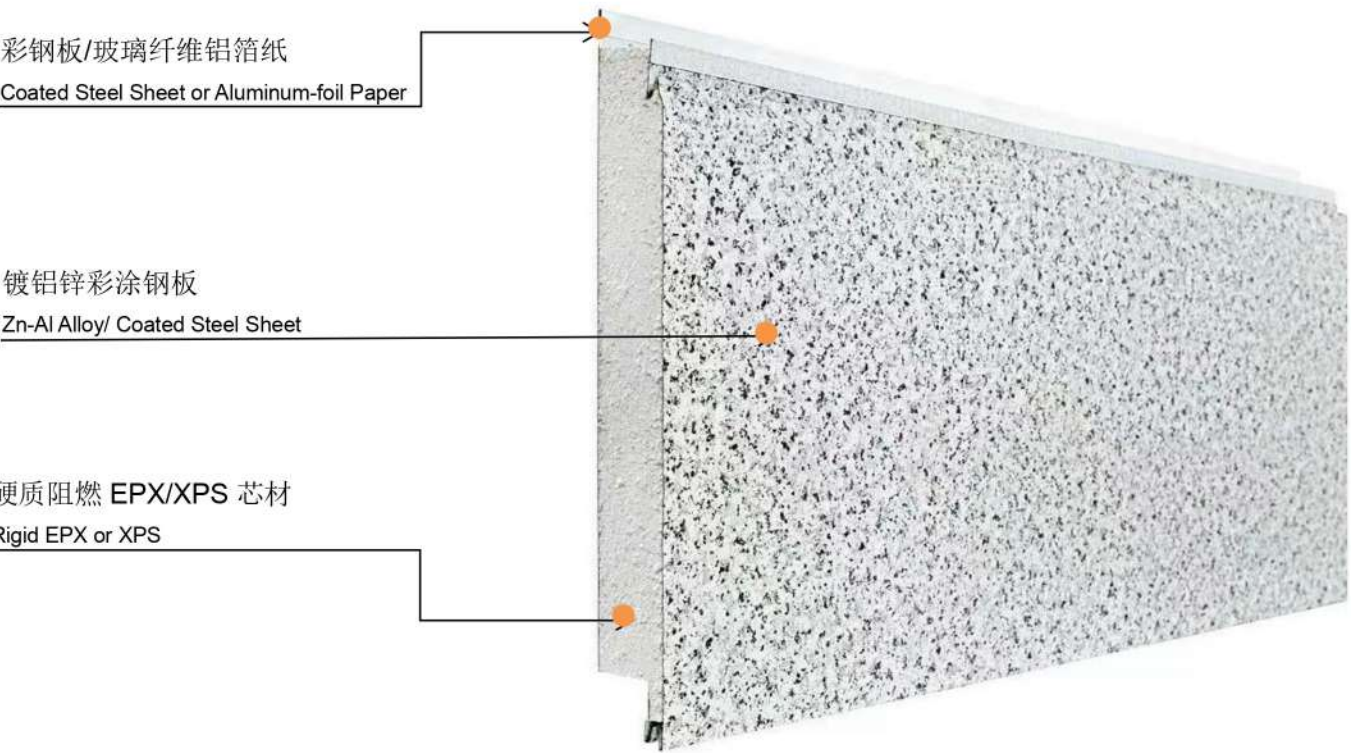


单位面积重量 (Weight/m ²)		3.5kg/m ²
产品尺寸 (Size)	长 (Length)	常规尺寸: 3,800mm, 5,800mm
	宽 (Width)	410mm
有效宽度 (Exposed Width)		380mm
标准厚度 (Standard Thickness)		16mm±0.5mm
包装尺寸 (Package Size)		3,850x415x16mm; 5,850x415x16mm
包装数量/箱 (Package/box)		10pcs
阻燃(Fire Resistance)		Class B

EPS/XPS 金属墙板 EPS/XPS Sandwich Wall Panel

爱吉姆 EPS/XPS 金属雕花外墙装饰保温一体板由三部分构成：表面材料采用经过特殊工艺处理的镀铝锌钢板，中间保温材料为硬质 EPS/XPS 泡沫板，底部材料为起保护作用的玻璃纤维铝箔纸/彩钢板。

EPS/XPS Metal Carved Exterior Wall Decoration and Insulation Integrated Board is composed of three parts: the surface material is made of galvanized (zinc) steel plate with special process, the middle insulation material is hard EPS/XPS foam board, and the inner material is protective Glass fiber aluminum foil/color steel plate.



产品尺寸 (Size)	长 (Length)	常规尺寸: 3,800mm, 5,800mm
	宽 (Width)	440mm/415
有效宽度 (Exposed Width)		380mm
标准厚度 (Standard Thickness)		50mm±0.5mm
包装尺寸 (Package Size)		3,850x415x16mm; 5,850x415x16mm
包装数量/箱 (Package/box)		3 or 5 pcs/carton
阻燃(Fire Resistance)		Class B

新长石纹系列 Feldspar Stone Series

-01



0101



0102



0103



0104

长石纹系列 Longish Stone Series

-02



0201



0202



0203



0204

细叠石系列 Fine Stone Series

-03



0301



0302



0303



0304

瓦楞纹系列 Corrugated Series

-04



0401



0402



0403



0404



0405



0406



0407



0408

标砖系列 Standard Brick Series

-05



宽窄砖系列 Royal Stone Series

-06



六标砖系列 Six Standard Brick Series

-07



0701



0702



0703



0704



0705



0706



0707



0708



0709



0710



0711



0712

粗砖系列 Rough Brick Series

-08



0801



0802



0803



0804



0805



0806



0807



0808



0809



0810



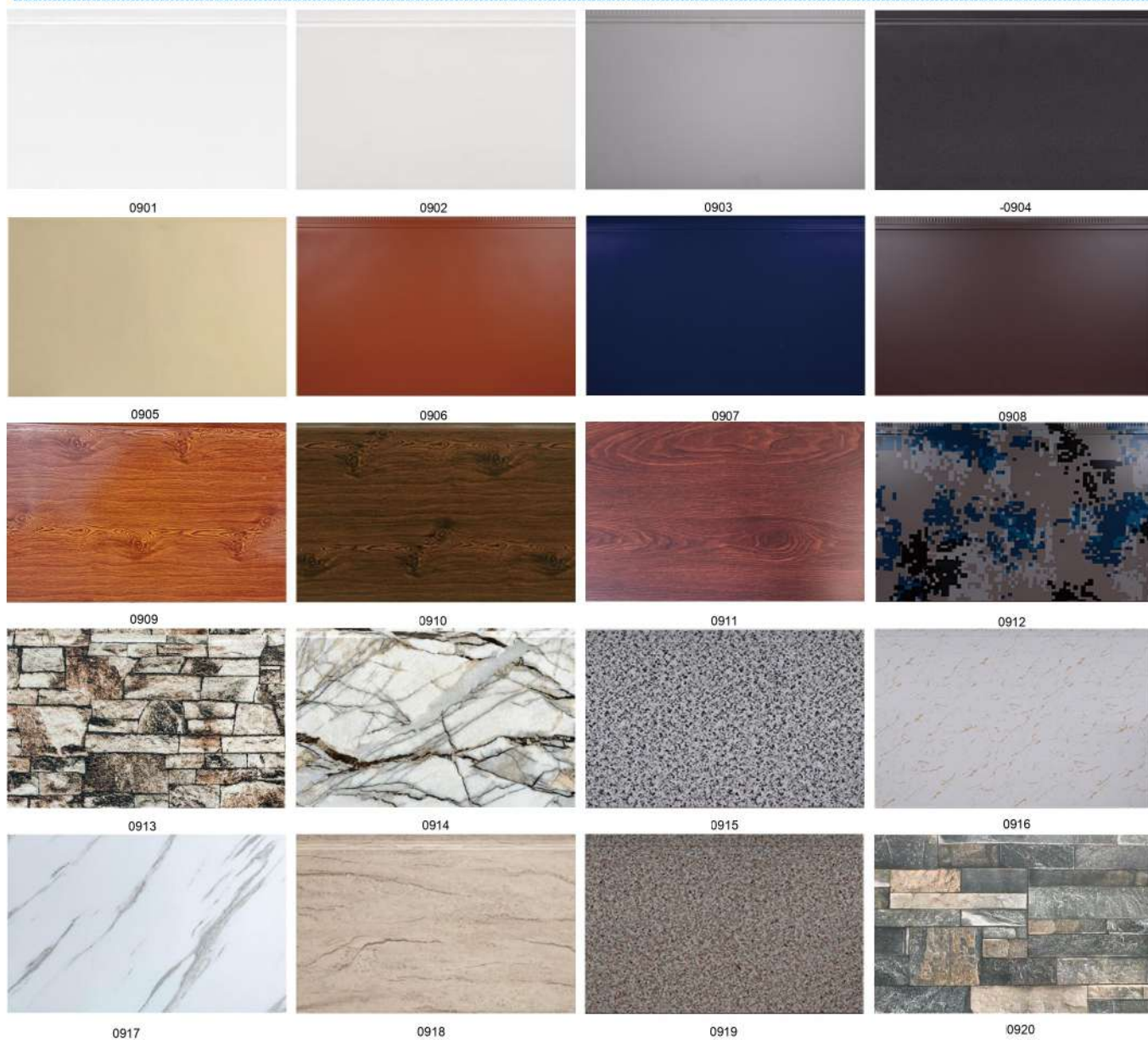
0811



0812

纯平面系列 Planar Surface Series

-09



平面弹涂纹系列 Flat Pattern Series

-10



单沟木纹系列 Single Groove Wood Grain Series

-11



单沟弹涂纹系列 Single Groove Plain Series

-12



单沟平面系列 Single Groove Elastic Graffiti

-13



双沟系列 Double Drain Series

-14



长城板系列 Deep Stripe Board Series

-15



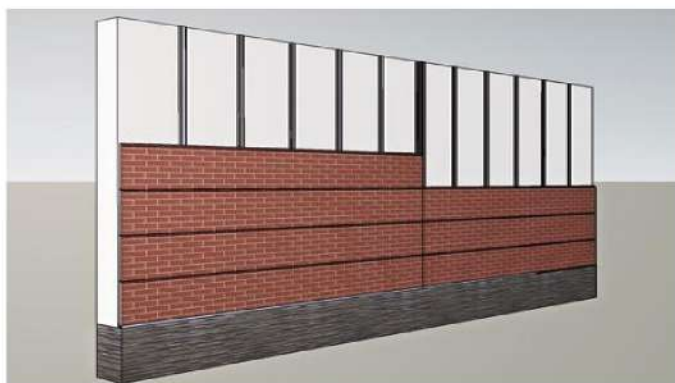
安装步骤 Installation



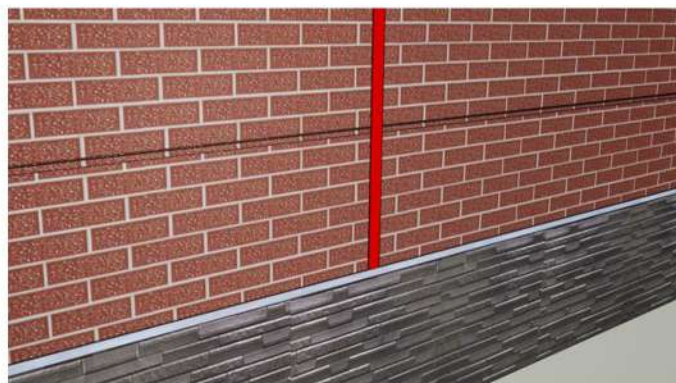
3. 清理外墙基面，找平弹线，根据建筑结构不同，纵向龙骨间隔建议在 40cm-60cm 之间。
Clean the base surface of the outer wall and level the spring line. Depending on the building structure, the spacing is recommended to be 40-60cm

2. 按弹线位置安装纵向龙骨，龙骨与墙面用螺栓固定牢固。
Place the longitudinal keel based on the position of the spring line, and fix it to the wall with bolts

1. 在龙骨上安装起始件及其它配件底座。
Install the starter and other bases on the keel



5. 先按墙面尺寸裁切好墙板，用螺丝将墙板与龙骨用固定牢固。
Cut the wallboard to the size of the wall, then fix the wallboard and the keel firmly with screws



4. 安装配件扣件，窗口、门口等特殊部位用耐候结构密封胶处打胶密封。
Put in accessories and fasteners, then install special parts such as windows and doors using weather-resistant structural sealant.

☆注意事项☆

施工注意事项

- 金属雕花板安装之前需要检查板材施工原有外墙面的情况，不开裂、不掉粉、不起砂、不空鼓、无剥离、无石灰爆裂点及无附着力不好的旧涂层等。
- 板材切割时，务必将墙板正面朝下，在背面进行划线切割，以防切割时飞溅的铁销粘附到墙板表面，日后形成锈迹影响美观及使用寿命。切割后务必检查墙板正面有无铁屑，并及时做好清理。
- 在窗户下方安装且水口，避免下雨长期冲水造成的板面污垢变色。
- 避免在下雨时施工作业：在施工过程中，防止板材内部与水接触，以免内部水从表面腐蚀生锈，减短其使用寿命。
- 由于板材表面为金属材质，板材施工时不要将电源等带电物品靠近板材，以免发生危险。

Construction Notes

- Before installing the metal board, please check the condition of the original exterior wall bricks of the board construction: no cracking, no powder falling, no sanding, no hollowing, no peeling, and no old paint with poor adhesion layers, etc.
- When cutting the board, face the wallboard down and cut the line on the back side to prevent the iron pins from splashing. After cutting, be sure to check whether there are iron filings on the wallboard and clean it up in time.
- Install the water outlet under the window to avoid dirt and discoloration of the board surface.
- Avoid constructing it when it rains to prevent the interior of the plate from contacting with water.
- Please do not put power supply or other electrical items close to the board during the construction of the board.

安装配件 *Accessories*

	AS01	
材质：铝合金 颜色：铝合金本色 功能：起始件（隐蔽式）		Material: Aluminium Alloy Function: Starting piece (Non Exposed)
	AS02	
材质：铝合金 颜色：铝合金本色 功能：起始件（外露式）		Material: Aluminium Alloy Function: Starting piece (Exposed)
	AS03	
材质：铝合金 颜色：铝合金本色 功能：连接件（中缝）		Material: Aluminium Alloy Function: Connecting piece of two sidings
	AS04	
材质：铝合金 颜色：铝合金本色 功能：连接件（阴角、阳角）		Material: Aluminium Alloy Function: Connecting piece of external angle and internal corners
	AS05	
材质：铝合金 颜色：铝合金本色 功能：收口件		Material: Aluminium Alloy Function: Ending piece for edge
	AS07	
材质：铝合金 颜色：铝合金本色 功能：收口件（大阳角）		Material: Aluminium Alloy Function: Connecting piece of external angle panels

Remark: Accessories with same color & pattern with siding can be customized.



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