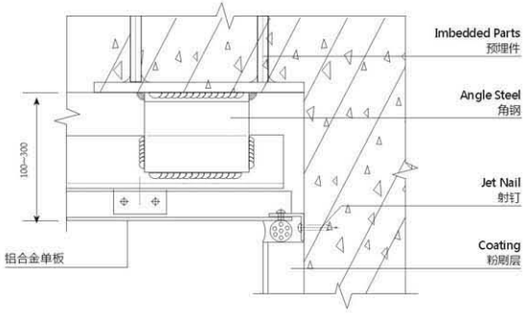
ALUMINUM CURTAIN WALL



Installation drawing of single aluminum plate
铝单板幕墙结构图

ALUMINUM CURTAIN WALL and **ALUMINIUM PLASTIC COMPOSITE PANEL**
performance comparison ***铝合金幕墙板与复合板性能比较***

对比 COMPARISON	复合铝板 ALUMINIUM PLASTIC COMPOSITE PANEL	铝合金幕墙 ALUMINUM CURTAIN WALL
材质 Material	两层0.5mm厚纯铝板中间夹PVC或PEC塑料辊压，热合而成	2~3mm铝合金板
	Rolled and heated by two layers of 0.5mm aluminum plate with PVC or PEC sandwiched	2~3mm aluminum plate
氟碳涂层 Fluorocarbon Coating	一次性辊印而成，涂层厚一般为20μm	2次或3次喷涂完成，涂层厚一般为30~40μm
	Rolled by one-time，the thickness of coating is 20μm	Spayed by 2 or 3 times,the thickness of coating is 30-40 μm
颜色 Color	可选择颜色品种少，一般灰色较多，特定颜色需订货量很大才能单加工，难以实现。颜色同一性好，但有方向性，降低成材率	可根据设计及业主的要求任意选色
	Grey color,but less color could be selected,and it's difficult to choose the special color unless large quantity.	Could be designed or selected according to client's requirement
寿命 Life	10年左右	可超过50年
	About 10 years	Exceeds 50 years
抗温变性 Temperature resistance	铝板与塑料膨胀系数差别较大，易发生起泡、剥离现象	同一材质，温变时墙板本身无影响
	The difference between aluminum and plastic expansion coefficient is larger,so blistering and stripping happens easily	No effect against the wallboard when the temperature changes for the same material
抗雷性 Thunder resistance	不抗雷击，强大的电流很难通过复合铝板接地，0.5mm厚的铝板会被击穿	可作为电的良导体，通过建筑接地系统把雷击巨大的电流迅速输送至地下
	No thunder resistance.The powerful current is difficult to pass the panel,and the 0.5mm aluminum plate will be punctured.	Could be used as the electrical conductor.The powerful electricity will be conveyed to the underground easily by the building grounding system
墙板形状 Wall shape	由于材质的限制，适用加工简单形状，不适合折阴角，＜90°的弯易发生断裂	易加工成异形板，折弯角度范围大
	Suitable for processed into simple shape,and the panel will be broken if angle less than 90 degree because of the material restriction.	Could be processed into non-standard shape panels, and bended largely
加工性 Processing	可现场加工，可应付现场建筑误差带来的尺寸变化	生产厂制做，适应现场建筑误差性差，对二次设计要求高
	Could be processed into non-standard shape panels, and bended largely	The installation error couldn't be avoided in scene, so it requires better second design
环境保护 Environmental Protection	遇高温会产生有害气体，不防火、不易回收	防火、易回收、不污染环境
	Harmful gas will be produced once meet the high temperature, no fireproof,difficult to recycle	Fireproof, easy to recycle and no pollution

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