



CRIDECOR® /

Metalscreen

夹丝玻璃



产品简介

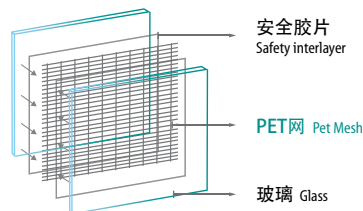
Cridecor®Metalscreen夹丝玻璃是带有聚酯网的新型夹胶安全玻璃，金属网由铝、钛、铜、金等材料制成，采用的最新技术让本系列产品在拥有阳光控制和保护隐私功能的同时兼具优美的外观。

网格外侧是闪亮的金属层，使室外不易看清室内；网格内侧则为黑色，使室内向外看的视野中性舒适。**Cridecor®**夹丝玻璃中使用的网格孔径为25%-70%，厚度在140-260 μm 之间，设计师可以在截面、透明度和反射等方面发挥创意，实现自己想要的效果。**Cridecor®**夹丝玻璃节能性能出色，太阳能得热系数为28%-62%，透光性为22%-60%。

Definition

Cridecor® Metalscreen is a new laminated safety glass incorporating polyester meshes, manufactured from metal deposits (aluminium, titanium, copper, gold, etc.) that uses the latest technological advances and provides solar control and privacy functions, as well as an unrivalled aesthetic value.

While the external side of the mesh has a shiny metal layer, which reduces vision from the outside, the internal side of the mesh is black, providing a neutral view to the outside. The wide range of densities of Cridecor® Metalscreen mesh, with apertures from 25% to 70%, as well as thicknesses between 140 and 260 microns, allow the designer to play with the sections, transparencies and reflections to always achieve the desired look. Cridecor® Metalscreen enjoys high energy-saving benefits, with "solar factor" values from 28% to 62% and "light transmission" values of 22% and 60% accordingly.



Metalscreen 夹丝玻璃

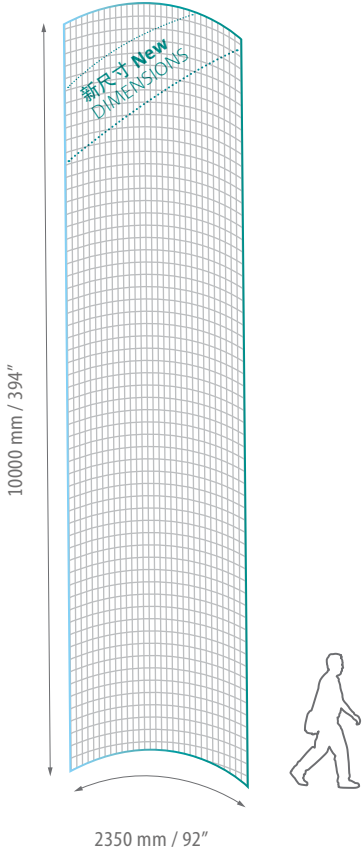


CRIDECOR®

L I T A

尺寸 Dimensions

夹胶片宽度 Interlayer width
型号 Model 260: 2350mm
型号 Model 140: 1950mm



装饰玻璃 Decorative glass

Metalscreen
夹丝玻璃



玻璃种类

该系列产品中的平板和曲面玻璃在用于室外时必须经过钢化或半钢化处理。

厚度

用于室内时，产品厚度为4+4mm(5/32"+5/32")及以上。用于室外时，厚度为+5(3/16"+3/16")及以上，且需经过钢化或半钢化处理。

含铜(Cu,Al/Cu)涂层不可用于夹胶玻璃内层。但可使用金色或铜色印刷获得与含铜金属类似的外观效果。

Glass type

In both its flat and curved glass versions for exteriors (for example, facades), the glass will always be tempered or heat strengthened.

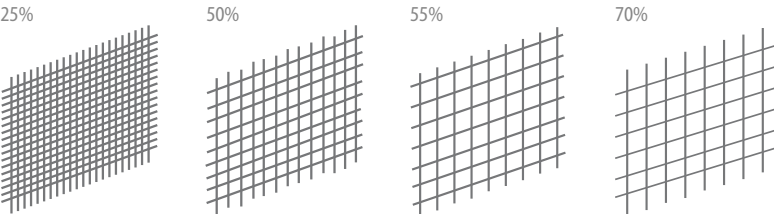
Thickness

For interior applications, Cridecor® Metalscreen is available from 4+4mm (5/32"+5/32"). For exteriors, the minimum composition starts from 5+5 (3/16"+3/16") tempered or heat strengthened.

The copper-containing metal coatings (CU, AL/CU) are no longer available as an inlay for laminated glass. As an alternative we are offering a printed standard solution "Gold" and "Copper". The appearance is very close to real copper-containing metals.

网眼密度 Mesh density

Cridecor® Metalscreen 提供四种网眼密度供选择：
Cridecor® Metalscreen offers the opportunity of using four types of mesh apertures:



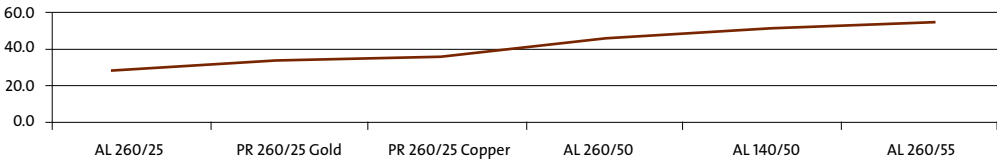
Metalscreen
夹丝玻璃

单向光谱反射及紫外线、可见光、近红外谱投射测试结果
Test results spectral reflexion/transmission UV/VIS/NIR, onesided

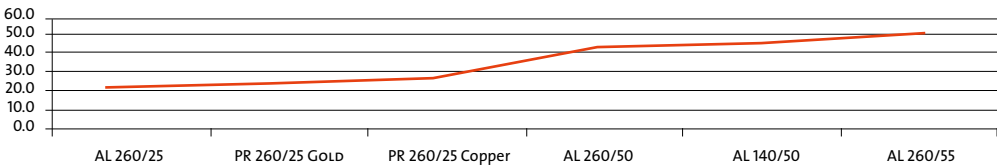
	g-value	qi	Te	Re outside	Re inside	Tv	Rv outside	Rv inside
AL 260/25	28.7	10.0	18.7	42.6	7.0	21.7	47.9	7.5
PR 260/25 GOLD	34.0	13.2	20.8	28.2	5.7	23.8	29.5	6.0
PR 260/25 COPPER	35.9	12.3	23.5	28.7	5.8	26.5	27.1	6.0
AL 260/50	45.5	8.0	37.5	31.4	6.1	42.6	35.1	6.4
AL 140/50	50.7	11.5	39.2	16.2	7.6	44.7	17.9	8.0
AL 260/55	53.9	10.3	43.6	16.4	6.3	49.9	17.6	6.6

测试使用2x4mm超白玻璃，结果载于2014年11月10日的EMPA St. Gallen的452'410号报告
Results according to test report no. 452'410 from EMPA St. Gallen of 10th November 2014 measured in 2x4mm low iron glass

太阳能系数 Solar Factor



光传导 Light Transmission



CRIDECOR®

产品特点

Cridecor®夹丝玻璃具有单向玻璃效果, 可以给建筑带来金属反光外观, 反光程度取决于金属夹丝网眼的密度。该系列产品可以防止室外看到室内情景, 有效保护隐私, 同时显著减少室内眩光, 即使靠近幕墙办公也无需其它遮阳装置(屏风、百叶帘、窗帘等)。

Characteristics

For facades, with the light differential between the exterior and interior of a building, Cridecor® Metalscreen generates a one-way optical viewing effect, giving a metallic external appearance whose reflection will depend on the chosen density of the mesh. This optical effect will provide both privacy (from the outside, it is not possible to see what is happening inside) and significantly reduce internal glare, allowing the user to work close to the façade without the need for any other solar protection (e.g. screens, blinds, curtains).

Cridecor® Metalscreen也可以双面皆为金属质感
Cridecor® Metalscreen puede ir impreso a doble cara

L I T A

装饰玻璃 Decorative glass

Metalscreen 夹丝玻璃

Castellana 79
西班牙马德里 2010 Madrid, Spain 2010
建筑师 Architect: Rafael de La-Hoz Arquitectos

