

## China high quality U shaped decorative glass suppliers

U- profile glass, also name U shape glass, U channel glass, as a new decorative glass material, can be make annealed U-glass, U profile security tempered glass. Thank to its U-shape section, it has better mechanical strength than general glass. It allows a bigger span during installing and does not need additional supporters so that a batch of additional building materials can be saved; moreover, by perfect transmission of light, it can also save energy consumption; when installed in double layers, it provides perfect performance of heat protecting, thermal insulation and sound insulation; it is easily processed and suitable for outer walls and indoor partitions.

### U channel glass Performance:

Bigger installing span, various shape	<ul style="list-style-type: none"> <li>•Compared with general glass, U-glass has better mechanical strength, allows a bigger span during installing and does not need additional supporters</li> <li>It can be installed in both the vertical and horizontal direction</li> <li>•Various kinds of arc-shaped façades and walls can be realized by U-glass</li> <li>•Matched aluminium alloy frames could increase the intensity of the structure</li> <li>Matched aluminium alloy frames could also be replaced by other materials and the method of installing is varied</li> </ul>
Ideal transmission of light, sound insulation and thermal insulation	<ul style="list-style-type: none"> <li>•According to the kinds of products, designers can select different coatings to create various effects of transmission of light</li> <li>•Matching with lights, U-glass can create the effect of rays of light which is unapproachable for other materials</li> <li>•It has excellent sound insulation performance. Its sound insulation performance could reach 42 decibel when is not sealed and 44 decibel when it is matched with thermal insulation materials</li> <li>•When installed in double layers, it provides perfect performance of heat protecting and thermal insulation</li> <li>•With excellent refraction performance, U-glass can effectively reduce light pollution</li> </ul>
Safe property, low maintenance cost	<ul style="list-style-type: none"> <li>•Main material is 100% recyclable and green With safe and reliable performance, it has been used in Europe for over 30 years Cleaning and maintenance process is very convenient</li> <li>•There is no auxiliary adhesive except silica gel, pollution-free</li> <li>There are three kinds of embossing of the surface of JIMYGLASS' U-glass, namely transparent super white, ice pattern and ripple. Moreover, the plant could open the mould and produce special patterns and nonstandard products according to customers' requirements.</li> </ul>

### Technical Specifications

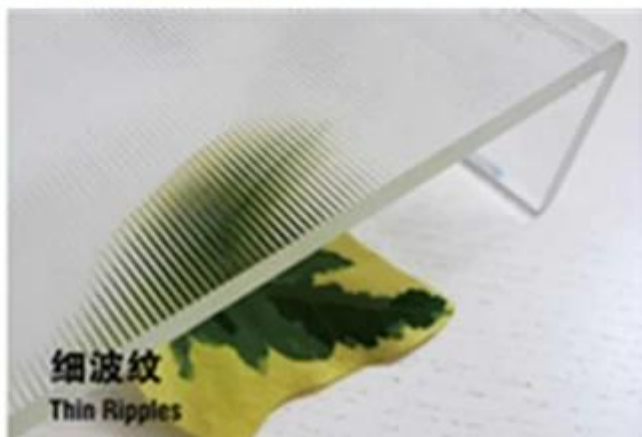
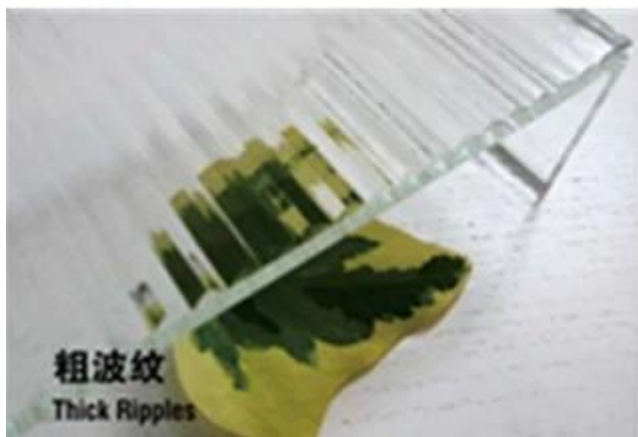
Dimension types	P230X60X7	P260X60X7	P330X60X7
Face Width( w )mm	232mm	262mm	332mm
Face Width( w ) inches	9-1/8"	10-5/16"	13-1/32"
Flange Height (h) mm	60MM	60MM	60MM
Flange Height (h) inches	2-3/8"	2-3/8"	2-3/8"
Glass thickness(d)mm	7MM	7MM	7MM
Glass thickness app. inches	28"	28"	28"
Max. Length(L) mm	6000MM	6000MM	6000MM

Max. Length(L) inches	236"	236"	236"
Weight(single layer) lbs/SQM.	25.43	24.5	23.5
Weight(single layer) lbs/sq ft.	5.21	5.02	4.8

**U shaped glass processed way:**

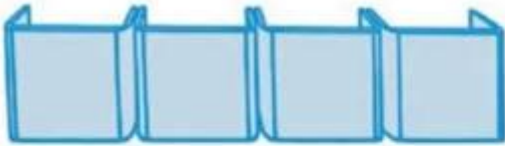
Surface embossing types	Transparent super white, ice pattern and ripple(thick ripple and thin ripple), special patterns can be produce as per customers' requirements
lass coating Low radiation	sky blue, ceramic color, sand blasting process,etc.
Can produce been safety tempered glass	After being heated in the reinforcing furnace, the joad-carrying capability of the surface of the glass could reach 10,000PSI or more. The intensity of reinforced U-glass is 3-4 times that of common U-glass. Because fragments of reinforced U-glass are normally small after breaking and do not have sharp edges, it is not harmful.

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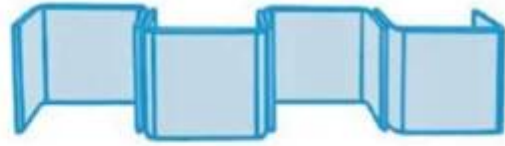


**U channel glass instlled way:**

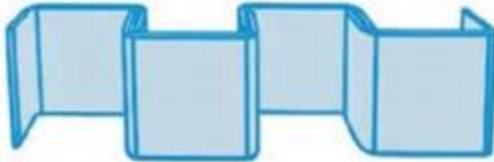
Single glazing Flange outside(inside)



Sheep-pile Strung inside



Sheep-pile Interlocking



Double glazing Stagger arrangement



Double glazing Standard arrangement



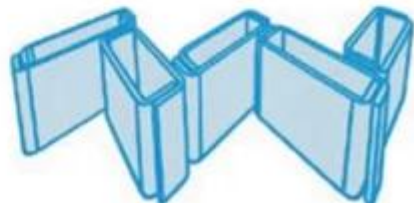
Double glazing Flange to flange



Double glazing Slightly curved



Double glazing Arranged in zig-zag formation in pairs



**U-glass production:**



**U profile glass application:**

