

Manufacturer of U-profile glass, 7mm U channel glass for curtain wall

About 7mm U-profile channel glass:

7mm U-profile glass is a new and unique kind of construction glass, enjoying over 40 years history of production and applications. U glass have mechanical strength is higher than ordinary glass. It has much advantage such as pervious to light quality, thermal insulation, heat preservation such as ideal light transmission, good sound insulation, excellent heat insulation, convenient installation. U-profile glass is the first-choice construction material for interior walls, exterior walls, partitions, [roofs](#) and windows etc. Using U-profile glass, a lot of metal materials can be saved.

Characteristics of the 7mm U channel glass:

1. Light weight, reduce building its own weight, the shapes of glass can increase building usable floor area.
2. Sound insulation, heat insulation, improving the environment to save energy. U-profile glass in terms of reducing building energy consumption is a kind of ideal wall materials.
3. Safety, corrosion resistance, pervious to light, it is ideal choose of wall materials.
4. Easy construction, economical and practical.
5. U-channel glass has greater mechanical strength than flat glass, bigger installation span, so it needn't additional support.
6. With excellent refraction performance, U glass can effectively reduce light pollution.
7. Matching with lights, U glass can create the effect of rays of light which is unapproachable for other materials.
8. Pollution-free: main material is 100% recyclable, it is pollution-free because no auxiliary adhesive except silica gel.

7mm U channel glass specification:

Dimension types	P230x60x7	P260x60x7	P330x60x7
Width (mm)	232mm	262mm	332mm
Width (inches)	9-1/8"	10-5/16"	13-1/32"
Flange Height (mm)	60mm	60mm	60mm
Flange Height (inches)	2-3/8"	2-3/8"	2-3/8"
Glass thickness (mm)	7mm	7mm	7mm
Glass thickness (inches)	28"	28"	28"
Max. Length (mm)	6000mm	6000mm	6000mm
Max. Length (inches)	236"	236"	236"
Weight (single layer) (KG/M2)	25.43	24.5	23.43
Weight (single layer) (LBS/SQFT)	5.21	5.02	4.8

Surface embossing types: transparent super white, ice pattern and ripple (thick ripple and thin ripple), special patterns can be produced as per customers' requirements.

Glass coating: low radiation, sky blue, ceramic color, sand blasting process

U-glass can be tempered according to your request, the load-carrying capability of the surface of the glass could reach 10000 PSI or more, so the intensity of reinforced U-glass is 3-4 times that of [common U-glass](#)

after tempered process. U-profile glass is harmless glass, because the U-channel reinforced glass fragments are normally small after breaking and don't have sharp edges.

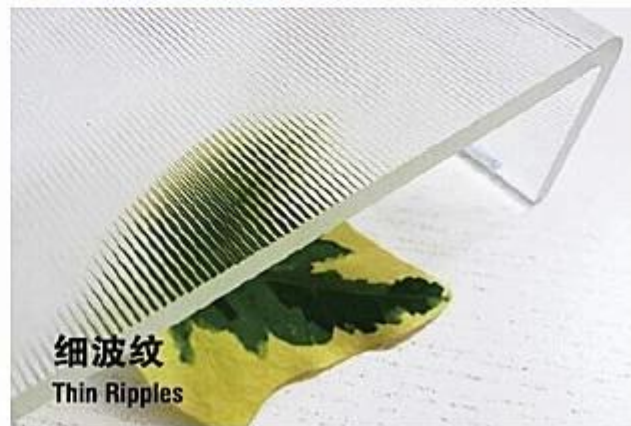
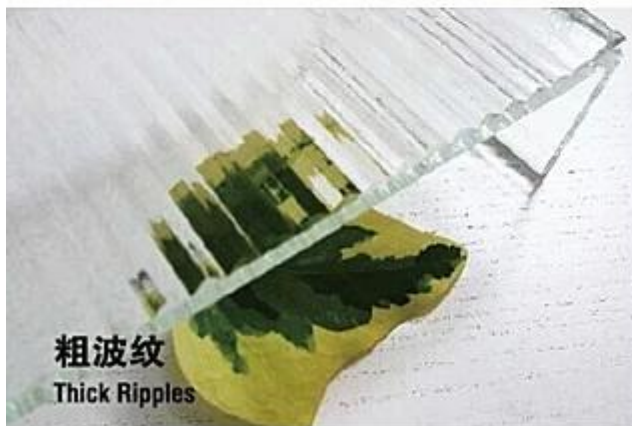
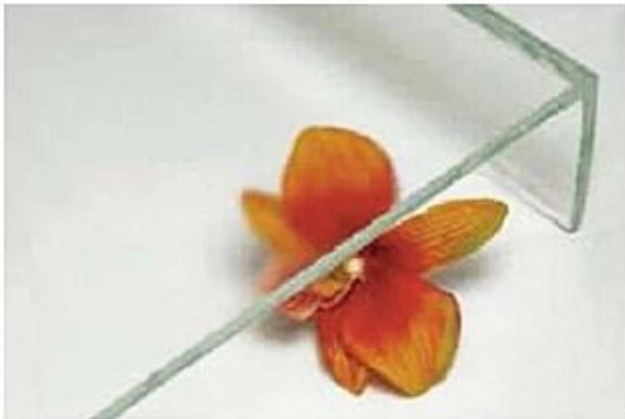
7mm U shape patterned glass application:

U channel glass can use in interior partition wall in bedroom, meeting room, hotel, etc.

U channel glazing can use as exterior [curtain wall](#) in the school, shopping malls, conference rooms, museums and other buildings.

U profile glass can used in interior wall in some area of open space, such as business office buildings.

7mm U profile patterned:



7mm U glass application as bedroom partition wall:



7mm U channel glass curtain wall:



