

# High Performance 7mm transparent U profile Channel Glass Facade curtain wall

Channel glass also named [U-shaped glass](#) or U-profile glass, is a specialty architectural glass for interior and exterior wall applications, cause of its signature linear aesthetic. The U-shaped glass channels are self-supporting, standing as tall as 7 m (23 feet ) in a relatively lightweight 1/4" (7 mm) thickness. Required the minimal perimeter framing, creating virtually seamless glass walls that can be hundreds of feet long and can span across elevations.

## The advantages of U channel glass:

- Diffuses light and minimizes glare, ideal for daylight applications.
- Thermal performance, energy efficient U glass, sound insulation, heat insulation and offer natural light but protect privacy. Light weight makes the channel glass more easy to handle.
- U shape glass enhances the structural properties of the glass, allowing it to achieve far greater spans than regular flat glass.
- Superior ultra clear low iron U channel glass, have attractive looking.
- Main material is 100% recyclable and green , safety and reliable, have a long useful time, lasting 30 years.
- 7mm tempered channel glass, is more than 3-4 times stronger than anneal U glass, with the features of tempered glass, safety and durable.
- Perfect used for interior walls, exterior walls, partitions wall , [roofs](#) and [windows](#),etc.

## Low iron U profiled glass and clear U channel glass



**There's many installed way to meet your requirement, you can check as below:**



Single glazing  
flange outside(inside)



Double glazing  
stagger arrangement



Sheet-pile  
strung inside



Double glazing  
standard arrangement



Sheet-pile  
interlocking



Double glazing  
flange to flange



Double glazing  
stagger arrangement



Double glazing  
arranged in zig-zag formation in pairs

**High quality transparent U channel glass facade curtain wall**

