

China high quality color decorative U-shaped glass suppliers

What is U-shaped glass ?

U-shaped glass or name U Profiled Glass (also known as grooved glass). Cast in sheet form whilst still molten, it is rolled and the side wings are formed to create a U shaped profile. Because of its "U" shape in cross section, it is named U-shaped glass. U-glass has variety, with the ideal light transmittance, heat insulation, thermal insulation and high mechanical strength, not only variously used and simple construction , but also has a unique architectural and decorative effect, and can save a lot of light metal profiles, so is adopted by urban and rural buildings in many countries in the world.

Color U-shaped glass application:

U-shaped glass has good light-transmitting and non-transparent characteristics and good decorative properties, and can be used for non-load-bearing internal and Applies to the construction of the external walls and civil buildings such as airports, railway stations, stadiums, factories, office buildings, hotels, Partition, [window](#) and roof.

U-glass (grooved glass) production specifications are:

1. Press thickness: 7mm(28")
- 2 according to flange height: 60mm(2-3/8")
3. Bottom width: 232mm 262mm 332mm 498mm

Architectural design for U-shaped glass

A. U-glass surface treatment by different methods, there are [ordinary embossed glass](#), [colored glass](#), etc., in addition to the general selection of the design of the glass, the selection of the remaining glass should be marked.

B.U type glass is non-burning material, if there are special requirements should be designed according to the relevant specifications.

C.U type glass classification:

- By color: colored and colorless.

- According to the surface state points: a smooth and patterned.

E.U-glass orientation of both wings of the test results show that the two wings to the windward side, the strength is higher than the leeward wings.

F.U glass by modeling and building use functions were taken in the following combination:

G.U type glass partition wall length greater than 6000, the height of more than 4500, the wall should be calculated the stability of the body, take appropriate measures.

H.U-type glass used in the humidity room and large indoor and outdoor temperature difference, should deal with the glass surface dewfall and drip problems.

I.U-type glass used in circular walls and roof, the radius of curvature of not less than 1500

Color U profiled glass products used for decorative curtain wall

