

Sichem

Chemically hardened glass
as per EN 12337



Sichem chemically hardened is used if the mechanical strength of glass needs to be considerably increased for the planned application. In this case, hardening is carried out by ion exchange, which produces a glass which is five times stronger than untreated glass.

In addition, depending on the thickness of the glass, resistance to temperature fluctuations is considerably increased, which makes **Sichem** highly suitable for applications where the material is subject to large temperature fluctuations.

A further advantage of **Sichem** is the planity of the material, which is completely retained after chemical hardening.



Further glass thicknesses, formats or types on request

Technical data

Thickness:	from 0.2 mm
Min. dimension:	ø 40 mm or 45 x 45 mm
Max. dimension:	ø 230 mm or 230 x 380 mm
Basic material:	all soda lime silicate glasses