

ALL-GLASS



Glass can have all the compression strength of concrete, provided the forces are appropriately applied to the glass surface. It makes glass extremely interesting as a structural material, but it does call for an absolute mastery of the associated theory and practice.

One useful property of glass is its capacity to take up compressive forces, but against that is its' poor resistance to tensile force. Glass is brittle and may break without warning. The use of glass as a structural material therefore imposes high demands on the design. Still architects are choosing for fully transparent structures more and more. Glass fins are important elements to achieve this ambition.