

Tutorials – Structural Reinforcement

Leaded light panels often require extra support. Whether this is need depends on the size and location, e.g. if in a door or ventilating window that is constantly being opened and shut. This can be achieved by using one of the following support bars:

1. Saddle Bar
2. Reinforcing Bar (Rebar)
3. Steel Core or Steels
4. Zinc Section

Saddle Bar

Saddle Bars are the strongest method of support and are used in large external windows for preventing panels from sagging. They also resist wind pressure in exposed situations.

Rebar

Rebar is used to prevent a panel from bowing but do not give support where multiple panels are assembled. Saddle bars are preferable in these circumstances.

Steel Core

Steel core takes two forms - either steel cored lead or steel strips fitted in the lead comes when leading. They are mainly used in domestic glazing where support is required particularly in leaded lights with diamond panes when they are inserted in the continuous diagonal leads.

Zinc Section

Zinc section is used to frame a panel that is not glazed into a window or frame. It also gives a panel strength for ease of handling.