



British Museum extension

- Rogers Stirk Harbour + Partners
- Mark Whitby
- Mace group

Welded steel , load bearing I-beam – spans in between steel beams- 100mm thick and 300 x 5000 mm height and width.

Steel is a metal alloy consisting of iron and carbon, through a process called basic oxygen steelmaking. The carbon content of steels usually varies

-welded in factory and then transported to site. sheets of metal are cut to the desired sizes, and then welded together using industrial welding tools.

- Used to create the skeleton and core of the building, and its purpose is to withstand vertical load.

Steel is used due to its stiffness and ability to sustain compression. Another advantage is that steel can be easily recycled and manageable. Its disadvantage is that it is expensive and takes a lot of energy to heat it.

Yassmina Abou Jaoude