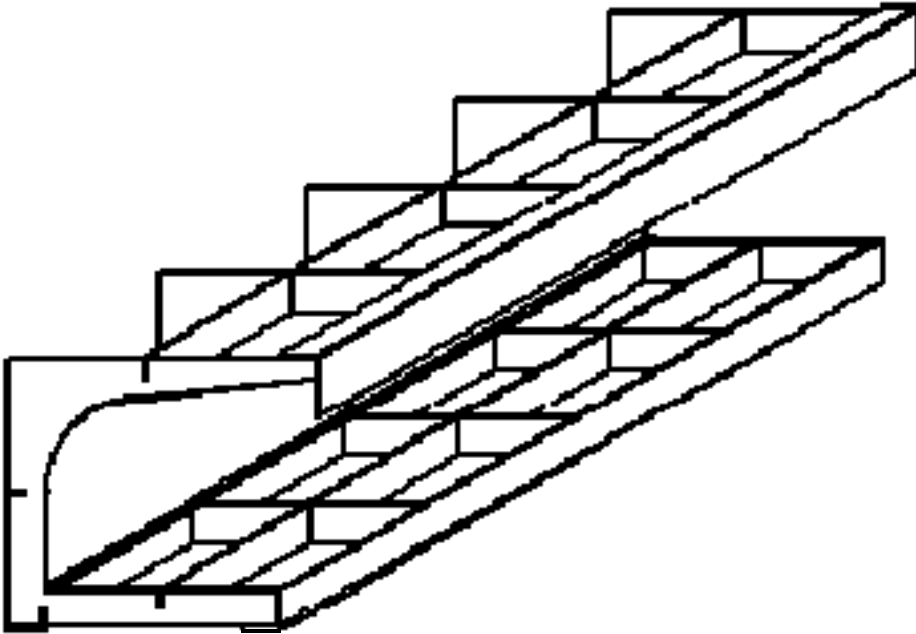


All-Foamcore module design : Monocoque design meets Lightweight construction



Keiran Ryan is a well-known and respected member of the Australian modelling community, and it was his idea of a "\$100 module" that started things rolling.

Keiran's design cleverly used monocoque and "tab in slot" construction techniques to turn 2 sheets of 9mm plywood, and a single sheet of 3mm MDF, into a strong, rigid, yet lightweight 6 foot (1800mm) module.

Note please that "lightweight" in this instance was considered to be 30 kilograms, which is well within the 2-man lifting range of most model railway exhibition crews.

However, based on my own experience, I was convinced that this design could be made lighter. Previous experience with various narrow gauge show layouts, and the photo-mounting material "foamcore", led me to re-design a version of Keiran's idea for a 2' X 4' X 2' (600mm X 1200mm X 600mm) version.

