

BASIC SPECIFICATIONS FOR STATIC SHELVING SYSTEM

General specifications

1. **static as well as shelving system mobile, is composed of basic components of a compact shelving system:**
 - shelving system
 - mobile base/ carriage
2. **shelving system have to be made from certified steel that maintain strength ,but do it with less raw materials = environmentally friendly +less load impact on building structure**
3. **Main components have to be as standard galvanized steel (secures long durability + maintain clean appearance of system files)**

System characteristics:

1. **Shelving system:** all components of shelving, shelf holders and uprights must be of certified, galvanized steel
 - Shelves: shelf load capacity must be minimum 80 kg udl , but with a possibility of further reinforcement up to 110 kg
 - **Design** : Shelves must be maximum 20mm high in order to occupy minimum of available storage height.
 - shelves must be in a rolled box construction so as to prevent damage /retrieval of files being stored and /or injury to users.
 - **Dimensions:** for maximum utilization of space, the clear distance between uprights on each nominal shelf length must be 1000 mm in order to hold 10 boxes of 100mm each
 - **Shelf holders:** each shelf is to be independently adjustable on its own supports without adjacent shelves sharing supports. Each shelf must be supported by maximum two shelf supports/ holders for easy relocation of shelves.
 - **Uprights/ side frame:**
Design: Uprights must be maximum 20mm wide in order to occupy minimum of available storage space
Each uprights must allow for the shelf to be height adjusted for minimum every 25 mm without the use of any tools.
Uprights must be of rolled box construction so as to prevent damage /retrieval of files being stored and/or injury to users.

Summary of standard dimensions of static shelving system

s	components	Height/net	Length/net	Depth/net	Load
	shelves	2200mm	1000 mm	400mm	80-110 kg



