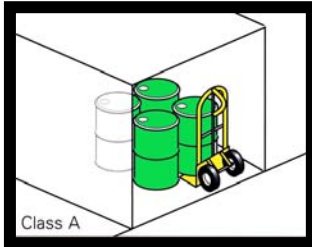


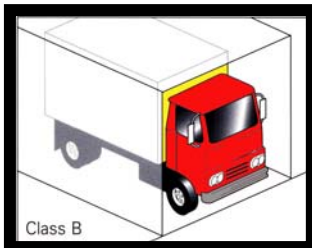
## Freight Loading and Classes

Freight elevator doors are designed to match the capacity and class of loading of the freight elevator. ASME/ANSI A17.1 Code specifies door construction standards. Refer to A17.1 for more detailed definitions.

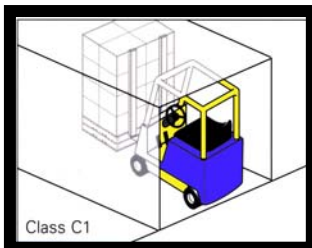
Calculations for stresses in the platform members (and doors) of freight elevators are based on the following concentrated loads assumed to occupy the position which will produce the maximum stress:



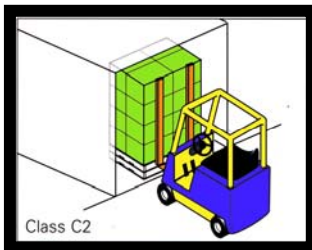
**Class A loading – General freight loading:** Load is handled on and off the car platform manually or by means of hand trucks. Single piece of freight not more than 25% of rated load.



**Class B loading:** Where the elevator is used solely to carry automobile trucks or passenger automobiles up to the rated capacity of the elevator.



**Class C1 – Industrial truck loading:** Where the static load during loading and unloading does not exceed the rated load.



**Class C2 – Industrial truck loading:** Where the static load during loading and unloading is permitted to exceed the rated load.

**Class C3 – Other loading with heavy concentrations:** Where the static load during loading and unloading does not exceed the rated load.