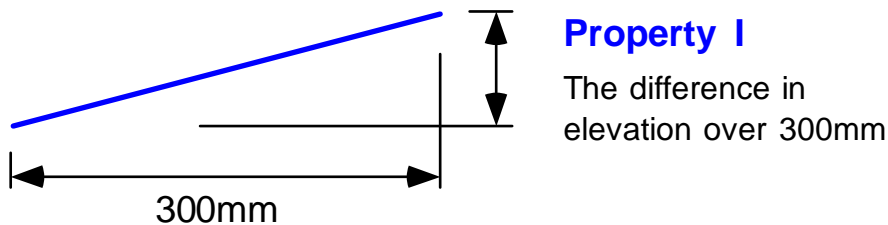


## An Explanation of TR-34 Floor Flatness Specification

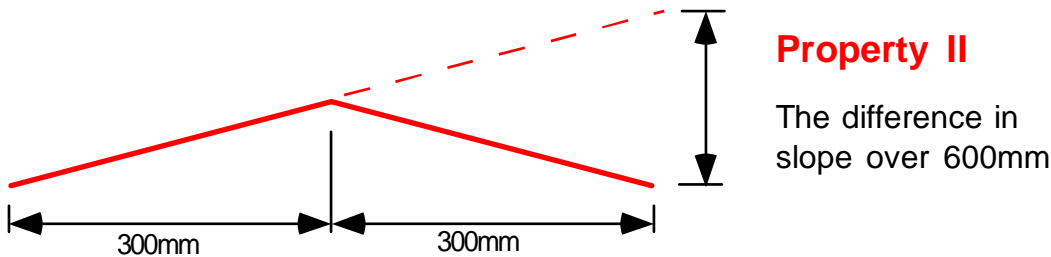
With regard to narrow aisle installations, there are three possible categories of flatness, and each category has three properties.

**Properties I and II** refer to the longitudinal tolerances, i.e. Running down the length of the aisle.

**Property I** is the maximum difference in elevation of any two points 300mm apart in the load wheel path of the forklift truck.



**Property II** is used to control the 'rate in change' at which the floor slopes up and down. It is measured over 600 mm with readings taken at 300 mm. i.e.



**Property III** is the transverse tolerance and controls the difference in height between the left and right-hand wheel tracks of the forklift truck. Although the easiest of the properties to understand, it is often considered the most important as it determines the static and dynamic lean of the truck.

