

# G-STANDARD:

## Bracket fixing guide

G-RAIL®

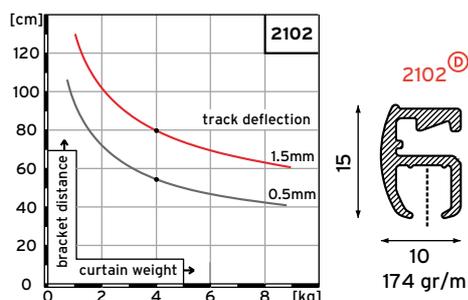
The G-Rail program consists of many different profiles developed to suit various applications. Whether it is for a living room or a meeting room, a lightweight sheer curtain or a heavy lined curtain, every situation requires a practical and/or elegant solution.

To ascertain the optimum fixing centres when mounting the selected rail, our product design engineers together with our installation team combined their know how and experience and created as a help: the G-Standard.

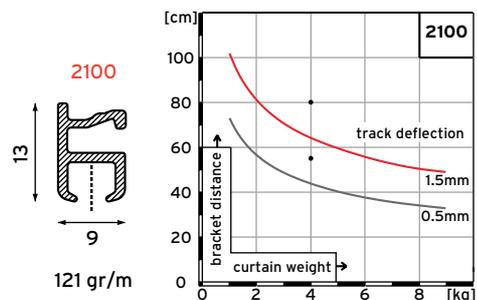
With the G-Standard it can be decided - based on the total curtain weight - the exact number of brackets used to produce the optimum result that compliments the G-Rail product quality. Further more, you can see from the diagram what happens when the fixing centres advised are disregarded.

By using the G-Standard you can achieve the best possible price / quality combination.

### For example: hanging a curtain on G-Rail 2102:



### Compare the G-Standard of rail 2100 with the G-Standard of 2102:



(• = calculations for 2102)

#### Example:

- > Weight of cloth 0,4 kg per linear metre (based on 150 cm fabric width)
- > curtain drop 220 cm
- > length of track 300 cm
- > fullness 100% (= 2 x track length)
- > hems 30 cm
- > total weight 300 cm x 2 = 600 cm  
600 : 150 cm = 4 (number of widths)  
4 x (220 + 30) = 10 metres of fabric  
10 x 0,4 = 4 kg total curtain weight

Alternatively the finished curtains can of course be weighed. Remember that curtain weights are generally given as weight in grams per square metre.

The G-Standard diagram for rail 2102 shows that with a curtain weight of 4 kg and a bracket distance of 55 cm the track deflection is only 0,5 mm. If the bracket distance is increased to 80 cm, the track deflection is 1,5 mm.

#### Note:

- > In defining the G-Standard, the profile was ceiling mounted with all test weights applied to a single point between 2 mounting brackets. Because the curtain weight is normally distributed through all of the gliders, the track deflection is inevitably reduced.
- > The G-Standard applies to most G-Rail profiles. When wall mounting the rail the profile deflection becomes less apparent then when ceiling mounting.
- > Additional brackets should be provided where rails are curved to prevent unnecessary sagging.
- > With heavy weight curtains it is advisable to mount an extra bracket at each curtain stacking position.
- > The downward force applied by the user drawing the curtains is disregarded within the G-Standard calculations.

**>> With the G-Standard you can optimize your installation!**