

## Flatness of surface

Deflection	Definition
1/240	Foundations, backfills
1/360	Standard
1/480	Exposed concrete

Chart: Deflection

a = constant  $t_1 \text{ and } t_2 = \text{reading off} \\ l_1 \text{ and } l_2 = \text{measurement point interval}$   $\mathbf{Deflection:} \\ f_1 = \mathbf{a} \cdot \mathbf{t}_1 \\ f_2 = \mathbf{a} \cdot \mathbf{t}_2$ 

Fig. 7.1

As long as you follow the technical instructions you can obtain the deflections (see table) as recommended by the ACI.

## Determining deflection

For a standard wall thickness you can use the tieing positions as "fixed spots". Determine the deflection by positioning a guided lath at distance (a) to the stripped wall (Fig. 7.1). The admissible deflection is always determined by the measurement point interval (in this case the distance between tieing positions).