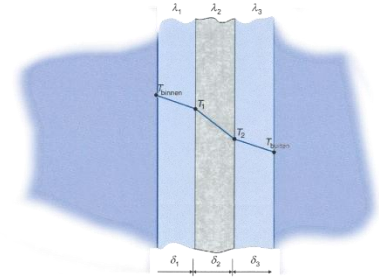


De wet van Fourier  $\Phi = \frac{\Delta T \cdot \lambda \cdot A}{\delta}$

Warmtegeleiding door een gelaagde vlakke wand

$$\Phi = \frac{A \cdot \Delta T}{\frac{\delta_1}{\lambda_1} + \frac{\delta_2}{\lambda_2} + \frac{\delta_3}{\lambda_3}}$$

$$\Phi = \frac{A \cdot \Delta T}{\sum \frac{\delta}{\lambda}}$$



Warmtegeleiding door een cilinderwand

$$\Phi = \frac{2\pi \cdot l \cdot (T_1 - T_2)}{\frac{\ln \frac{r_2}{r_1}}{\lambda_1} + \frac{\ln \frac{r_3}{r_2}}{\lambda_2} + \frac{\ln \frac{r_4}{r_3}}{\lambda_3}}$$

$$\Phi = \frac{2\pi \cdot l \cdot \Delta T}{\sum \frac{\ln \frac{r_u}{r_i}}{\lambda}}$$

