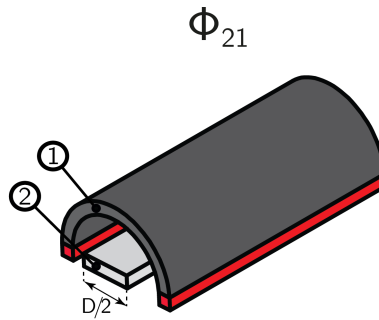


# View Factor 38

A long semi-circular body has a flat plate inside. Determine the view factor  $\Phi_{21}$ :



A flat plate can never see itself and therefore:

$$\Phi_{22} = 0$$

From the summation rule ( $\Phi_{21} + \Phi_{22} = 1$ ) one finds:

$$\Phi_{21} = 1$$