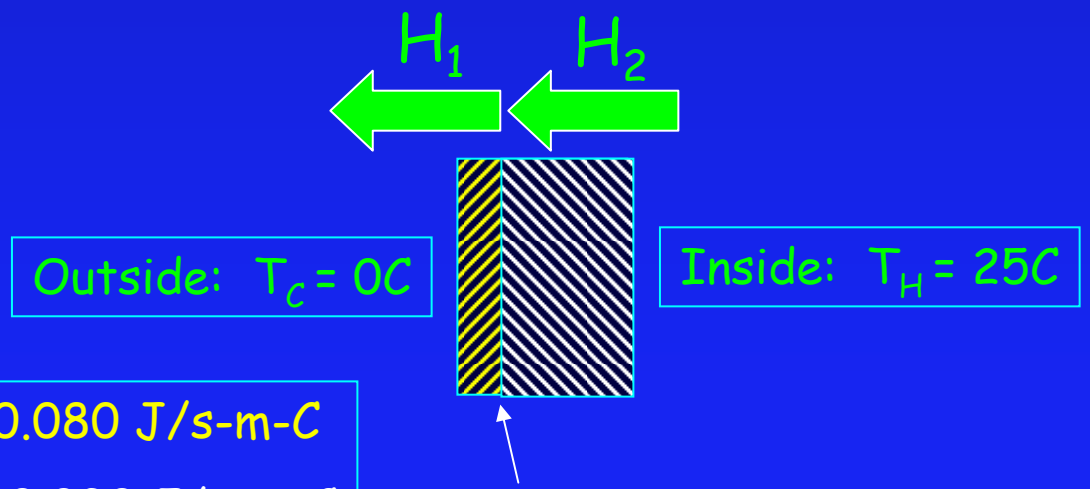
Conduction w/ 2 layers ACT

- Compare the heat flow through material 1 and 2.

  A) $H_1 > H_2$ B) $H_1 = H_2$ C) $H_1 < H_2$

- Estimate T_0 the temperature between the two

  A) 5 C B) 12.5 C C) 20 C



$\Delta x_1 = 0.02$ m $A_1 = 35$ m^2 $\kappa_1 = 0.080$ J/s-m-C

$\Delta x_2 = 0.075$ m $A_2 = 35$ m^2 $\kappa_2 = 0.030$ J/s-m-C