



Diagram illustrating a multi-layered rectangular domain  $\Omega$  (represented by a stack of layers) with boundary conditions:

$$\Gamma_{d,max} = \begin{cases} 1520^{\circ}C, & \text{if } t_{layer} = 0.0 \div 0.09sec \\ none, & \text{if } t_{layer} = 0.09 \div 0.225sec \end{cases}$$

The bottom boundary condition is:

$$\Gamma_{d,min} = 20^{\circ}C$$

A 3D coordinate system  $(x, y, z)$  is shown at the bottom left.