12 The temperature of a hot liquid in a container of negligible heat capacity falls at a rate of 4.0 K per minute just before it begins to solidify. The temperature then remains steady for 25 minutes by which the liquid has all solidified.

What is the value of the ratio

$$\frac{\text{specific heat capacity of liquid}}{\text{specific latent heat of fusion}} \ ?$$

A 0.01

B 0.04

C 25

D 100